

STOP PRESS

Stretchwrap control

A semi-automatic pallet stretchwrap system from US manufacturer Lantech - equipped with power pre-stretch and offering high reliability - has already been sold to six UK users, even before the arrival here of the first models.

Later this month, six companies will take delivery of the Lantech Q series stretchwrapper, with one customer taking two of the machines. Such is the manufacturer's confidence in the wrapper's reliability, says UK agent Mancun, that it is offering a three-year parts warranty rather than the usual one year.

While the machines are affordable, says Mancun, they are unlike the previous Lantech stretchwrapper in having a high speed wrapping capability. A fast electronic control system - rather than electro-mechanical - means that response is immediate when more film is needed for specific parts of the wrapping process.

Counter-balance for the film carriage means that the motors do not lift the whole weight of the unit. The

this advice and European market requirements.

A 12mm thick formed steel turntable base is said to provide stable support and prevent accidental damage to drive components. The turntable support system is designed to withstand high impact loading and to be dependable even in dirty or dusty environments,

.....

the management information system which gives a printout by shift for each machine. Information on average weights, the number of rejects and underweight packs is recorded and can be referred back to.

One of Premier's aims has been to reduce customer complaints over count errors on the machines. "It is also enabling us to focus more clearly on the amount of giveaway that is going through," says Mr Conquest. On certain lines, the company seems likely to make

.....

fitting into a space of just 650mm, each integrated system checks up to 60 packs a minute. An air blast rejects any product which is outside preset weight tolerance or has a barcode which is not scannable. Tolerances of 2g ensure that a single teabag more or less will be detected in all cartons.

Central to the installation is

.....

substantial savings, he adds.

Apart from the beverage

.....

blending and packing industry, Loma sees its integrated system as having many other possible applications. Smaller pharmaceutical plants, without larger dedicated product lines, would be one such application, says Lindsay Cross, regional manager at Loma (Southwold, Farnborough, Lomas), tel: 0252 540346, fax: 01332 222.

Premier's herbal teas now

.....

account for half of the production at its Edinburgh plant, and

.....

fitting into a space of just

.....

650mm, each integrated system

.....

checks up to 60 packs a

.....

minute. An air blast rejects

.....

any product which is outside

.....

preset weight tolerance or has

.....

a barcode which is not scannable.

Tolerances of 2g ensure that a

.....

single teabag more or less will

.....

be detected in all cartons.

Central to the installation is

.....

substantial savings, he adds.

Apart from the beverage

.....

blending and packing industry,

.....

Loma sees its integrated

.....

system as having many other

.....

possible applications.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....



“ Response by delegates to speakers at the Institute of Packaging's Easy Open seminar seems to suggest that many of them are interested in making packaging easier to open for customers of all ages, not just the so called, 'grey consumer'.

Having chaired the symposium, I would argue that not one of the 120 attendees can now ignore the issue, due in no small part to Jean Ashcroft, director policy and campaigning at Arthritis Care's presentation. Jean has had 23 years of personal experience of rheumatoid arthritis and her demonstration of how she tackles grocery packaging was a salutary experience.

Although designing a pack that Jean, or someone like her, finds very easy to open is perhaps an unachievable aim, there are still many existing measures that can be taken to make it a lot easier than it is today.

Indeed, she was full of suggestions and, more importantly, is willing to work with any part of the packaging, consumer goods or retailing industry to help improve matters in this area. In fact, a lot of her suggestions, such as making tear tabs on packets of biscuits easier to identify by using a contrasting colour and incorporating tear tabs on other packaging formats such as the cellophane wraps on cartons of tea bags, are relatively simple to accommodate.

With the Packaging Standards Council proposal for an industry-wide sponsored research project - to set various design parameters when considering the elderly or manually impaired - symposium attendees and the rest of the packaging chain now have the chance actually to demonstrate their interest rather than just express it.

The research would have an approximate cost of £70,000 which split between say 35 companies, would mean that for the cost of a decent lap-top pc, the whole packaging chain would have a set of positive parameters to work from. They would know the actual needs, rather than their own, perceived needs of this group.

Indeed, when asked at the conference if he is requested to incorporate easy opening options into new packaging designs, managing director of PI Design Ltd Chris Griffin said: "Easy opening usually forms part of the initial brief but rarely survives to the final design." Wouldn't it therefore be easier for designers to keep these options in, and to resist the cost/speed/efficiency reasons for omission, by quoting parameters that had been researched by the Applied Centre of Gerontology?

And the benefits of retaining 'easy open' features would not just apply to the over 60s consumer.

As the motto of the Centre states: Design for the young and you exclude the old... Design for the old and you include the young.

Gail Lea, Editor

The Everest pack has fold-down flaps so that the pack is released off the turntable during microwaving

Chips have youth appeal

For the launch of its microwave chip range, Everest Frozen Foods Ltd required a pack attractive to the youth market, and faster and more reliable machinery to collate and overwrap the packs.

Designed for Everest by Waddingtons Cartons Ltd (Cockburn Fields, Middleton Grove, Leeds LS11 5LX - tel: 0532 760730, fax: 760165) it has fold-down flaps so that the pack is raised off the turntable during microwaving.

"By elevating the pack you get a more intensive cooking effect. The legs pull out and like a toggle effect, lock into position," says David Yates from Waddingtons.

.....

Best practice code seeks support

The recently issued Code of Practice for the Packaging of Consumer Goods by the Packaging Standards Council (PSC) has won strong support from consumer and special interest groups, but funding for the organisation as a whole still remains in the balance.

“Building on its success”

The code is designed to promote 'best practice' in all aspects of the packaging of consumer goods and has been endorsed by the Secretary of State for the Environment, John Gummer. In his forward, Mr Gummer says he is pleased that the PSC intends to encourage the industry to adopt and implement the code. At a recent meeting hosted

by the Department of the Environment, leading consumer and special interest groups offered to publicise the code in their newsletters and help build on its success so far. There was a clear appreciation of the need to find the best compromise between consumer needs, the functional aspects of packaging and environmental decisions, says the PSC.

There was also general agreement that the PSC is performing a useful role in encouraging manufacturers to improve packaging, in acting as a consumer 'watchdog' and in explaining the functions of packaging," says Barry Overton, director of PSC (Firth House, Bramfield Road, Bulls Green, Datchworth, Herts - tel: 0438 798589, fax: 798398).

Until now, Inepen has

been the sole source of funding

wrapper has been installed on the production line dedicated to the 100g cartons.

After the frozen chips have been re-packed from bulk containers, the cartons are sealed, closed and then collated into groups of four, two wide by two high.

Operating at a rate of one pack a second, the machine then overwraps each collation with film printed with a bar code and cooking instructions.

WADDINGTONS CARTONS:
For further information K5 0839 772268

MARDEN EDWARDS:
For further information K6 0839 772268

.....

“Performing a useful role”

As we went to press, monies pledged included £30,000 from Inepen, £1,500 from the MPMA and the Alliance of Beverage Cartons and two ex gratia payments from the Wines & Spirits Association and the Scottish Whisky Association. A voluntary contribution has also been received from Plysys plc.

For further information K5 0839 772268

.....

Clear or white, pot or jar? holding trays for shrinkwrapping

WE MAKE THIN PLASTIC TRAYS

FOR RELIABLE THERMOFORMING

EYREVAC

RELY ON EYREVAC TO MEET YOUR PRODUCT SCHEDULE RING 0272 715480

For brochure contact: EYREVAC, 7-15 HUNTERFORD ROAD, BRISLINGTON, BRISTOL BS4 5HU. TEL: 0272 715480 FAX: 0272 720288
Call on 0839 772268 or circle number K5 473

PACKAGING NEWS/MAY 1994

Call on 0839 772268 or circle number K5 473

.....

PACKAGING NEWS/MAY 1994

Call on 0839 772268 or circle number K5 473

.....

PACKAGING NEWS/MAY 1994

Call on 0839 772268 or circle number K5 473

.....

PACKAGING NEWS/MAY 1994

Call on 0839 772268 or circle number K5 473

.....

PACKAGING NEWS/MAY 1994

Call on 0839 772268 or circle number K5 473

.....

PACKAGING NEWS/MAY 1994

Call on 0839 772268 or circle number K5 473

.....

PACKAGING NEWS/MAY 1994

Call on 0839 772268 or circle number K5 473

.....

PACKAGING NEWS/MAY 1994

Call on 0839 772268 or circle number K5 473

.....

PACKAGING NEWS/MAY 1994

Call on 0839 772268 or circle number K5 473

.....

PACKAGING NEWS/MAY 1994

Call on 0839 772268 or circle number K5 473

.....

PACKAGING NEWS/MAY 1994

Call on 0839 772268 or circle number K5 473

.....

PACKAGING NEWS/MAY 1994

Call on 0839 772268 or circle number K5 473

.....

PACKAGING NEWS/MAY 1994

Call on 0839 772268 or circle number K5 473

.....

PACKAGING NEWS/MAY 1994

Call on 0839 772268 or circle number K5 473

.....

PACKAGING NEWS/MAY 1994

Call on 0839 772268 or circle number K5 473

.....

PACKAGING NEWS/MAY 1994

Call on 0839 772268 or circle number K5 473

.....

PACKAGING NEWS/MAY 1994

Call on 0839 772268 or circle number K5 473

.....

PACKAGING NEWS/MAY 1994

Call on 0839 772268 or circle number K5 473

.....

PACKAGING NEWS/MAY 1994

Call on 0839 772268 or circle number K5 473

.....

PACKAGING NEWS/MAY 1994

Call on 0839 772268 or circle number K5 473

.....

PACKAGING NEWS/MAY 1994

Call on 0839 772268 or circle number K5 473

.....

PACKAGING NEWS/MAY 1994

Call on 0839 772268 or circle number K5 473

.....

PACKAGING NEWS/MAY 1994

Call on 0839 772268 or circle number K5 473

.....

PACKAGING NEWS/MAY 1994

Call on 0839 772268 or circle number K5 473

.....

PACKAGING NEWS/MAY 1994

Call on 0839 772268 or circle number K5 473

.....

PACKAGING NEWS/MAY 1994

Call on 0839 772268 or circle number K5 473

.....

PACKAGING NEWS/MAY 1994

Call on 0839 772268 or circle number K5 473

.....

PACKAGING NEWS/MAY 1994

Call on 0839 772268 or circle number K5 473

.....

PACKAGING NEWS/MAY 1994

Call on 0839 772268 or circle number K5 473

.....

PACKAGING NEWS/MAY 1994

Call on 0839 772268 or circle number K5 473

.....

PACKAGING NEWS/MAY 1994

Call on 0839 772268 or circle number K5 473

.....

PACKAGING NEWS/MAY 1994

Call on 0839 772268 or circle number K5 473

.....

PACKAGING NEWS/MAY 1994

Call on 0839 772268 or circle number K5 473

.....

PACKAGING NEWS/MAY 1994

Call on 0839 772268 or circle number K5 473

.....

PACKAGING NEWS/MAY 1994

Call on 0839 772268 or circle number K5 473

.....

Lookalike clampdown temporarily thwarted

Attempts to outlaw lookalike products were temporarily thwarted when the Government refused to support an amendment in the Trade Marks Bill which would clamp down on copycat packaging design.

This took the British Producers and Brand Owners Group by surprise since its amendment had received overwhelming cross party support during its passage through the House of Lords (PN April).

Although the Government is still consulting on the issue, it appears to have moved towards the idea of tightening legislation, or at least of introducing an amendment into the Trade Marks Bill.

Looking for a career move?

24 HOURS A DAY
7 DAYS A WEEK

JOBS FAX LINE

For the very latest details of vacancies, in print and packaging whether management, production and technical or sales you can be sure you are up to date with the Packaging News Jobs Fax Line. Just call the appropriate number below from a fax machine and you will receive a fax back of the latest vacancies.

MANAGEMENT
0839 111 771
PRODUCTION & TECHNICAL
0839 111 772
SALES
0839 111 773

Calls cost 39p a minute cheap rate and 49p a minute at all other times

PACKAGING NEWS

Call on 0839 772268 or circle number K5-467

A wallet for smoked salmon

Supermarkets argue that the amendment is being proposed because brand name producers are frightened of the competition and of losing more market share. In their defence, the Brand Owners group argues unfair competition and that consumers are being confused between the lookalike and the brand name.

The Brand Owners Group is still looking to introduce the amendment, and has had discussions with the DTI. While the government believes that the Trade Marks Bill may not be the place to address this issue, it could be included on a statute to be drawn up on unfair competition.

Measuring 211 x 398mm, the pack uses 450 micron coated folding boxboard with hard size middle. It is litho printed in six colours with food quality UV lacquer. Cutting, creasing and gluing was carried out by Ferry Pickering.

According to the carton manufacturer, Pinneys is particularly skilled in providing products for the quality end of the market. Gold blocking was used to frame the pack and also



The wallet-style premium presentation carton produced for Tesco smoked salmon by Ferry Pickering

overlays a non-acetate window.

"It's something that people are going to give to friends and family, and we were offering people a brilliant gift," says Tesco buyer Lucy Nelmes. In

her opinion the choice of black as the pack colour gave the correct signals of extravagance, and marked it out from the primary colours of other products on the shelves.

A version without gold foil

blocking was also produced by Ferry Pickering (PO Box 6, Coventry Road, Hinckley LE10 0JJ - tel: 238171, fax: 251335).

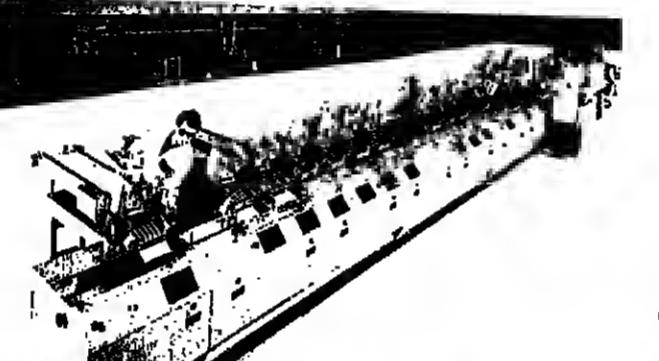
For further information K5 circle 172

Collator cuts computer handling costs

An automated system for collating up to 120 different combinations of computer peripherals and instructions for short run shrinkwrapping is helping Logitech Ireland to cut costs and increase efficiency.

Each Logitech mouse, trackball, scanner or joystick has to be linked up to instruction manuals and other information in up to eight languages. Traditionally, says Logitech, large pools of manual labour would be used in this sort of operation. Minimum changeover time between collations was also required.

A pc-controlled Longford custom 12-station feeder/collator is linked directly to a Great Lakes automatic shrinkwrap-



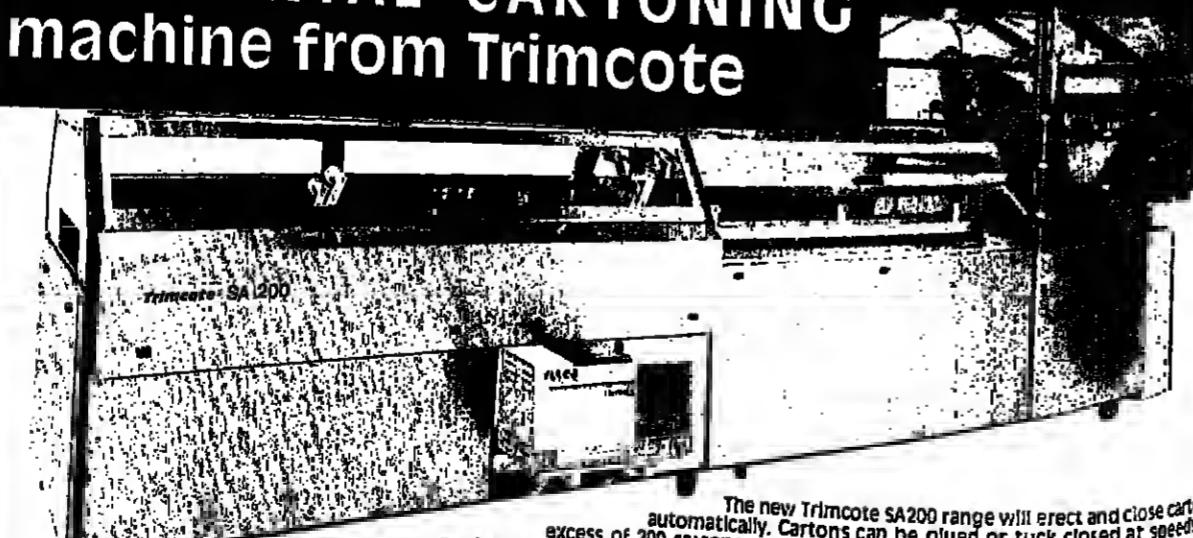
per. Each individual feed was required to handle a variety of grades and sizes of product without necessitating design changes for Logitech.

With the Longford system, which can run at an average of

55 packs a minute, details of each product combination come up on the operator screen. Collations and parts are identified by a system of numbers built into Longford's customised line control software.

For further information K5 circle 171

At last. A new high speed, versatile HORIZONTAL CARTONING machine from Trimcote



The new Trimcote SA200 range will erect and close cartons automatically. Cartons can be glued or tuck closed at speeds in excess of 200 cartons per minute. Supplied for either manual insertion of product or complete with an automatic loading system, this model is fast and simple to set up and easy to operate.

Trimcote also manufacture a wide range of cartoning machinery, together with other packaging equipment for a variety of applications and throughput. Whatever your needs in cartoning technology - talk it over with Trimcote.

SETTING NEW STANDARDS IN PACKAGING MACHINERY

Trimcote Limited, Corringham Road Industrial Estate, Gainsborough, Lincolnshire DN21 1OB.

Call on 0839 772268 or circle number K5-465

PACKAGING NEWS/MAY 1991

THE LOOK OF PLASTIC.

THE FEEL OF PLASTIC.

THE BENEFITS OF STEEL.

At last, a real alternative to plastic packaging. With its strong, scratch-resistant polymer coating for long lasting protection, Ferrolite steel packaging is plastic to look at and to touch. Developed for leading food companies, this innovative, eye-catching material is available in a range of shapes, sizes and colours.

Fully recyclable, Ferrolite is the environmentally-friendly alternative to plastic with all the benefits of steel.

Please call Francisco Serrano, Marketing Manager, CarnaudMetalbox plc, Foodcan Group. Telephone (0905) 762323. Fax (0905) 762357.



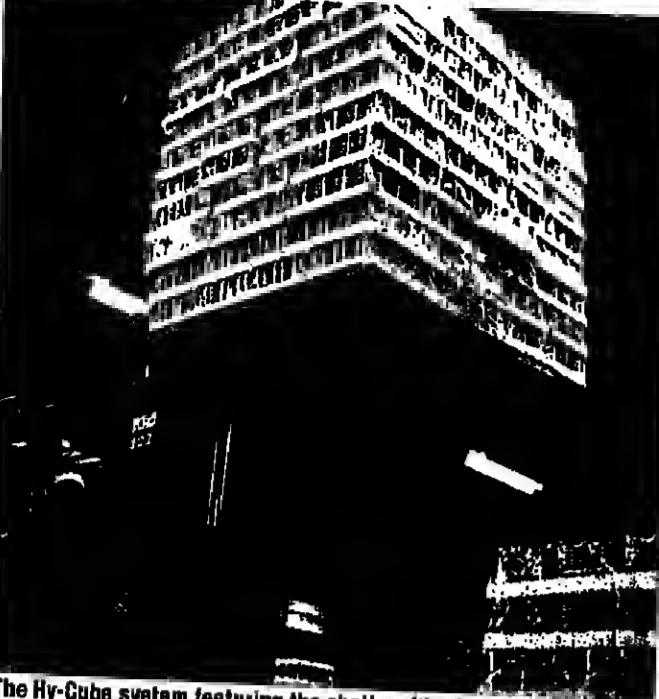
FOODCAN GROUP

thought for food™

Call on 0839 772268 or circle number K5-464



Panel gives pallet savings



Space and weight savings are offered for palletised goods in transit with a shallow fibreboard panel which, says the manufacturer, can operate either as a pallet base or slipsheet.

Bradley Thallon, which manufactures the Hy-Cube system, contrasts the one tonne and six cubic metres of wooden pallet capacity in a typical container load with 90kg and one cubic metre when this system is used.

The laminate panel made from recycled fibreboard can be handled with the conventional forklift or by push-pull attachments. Individual pallets are compression tested to weights in excess of 1.75 tonnes, says the company.

Anyone who ships goods in containers or tautliners between manufacture and distribution could benefit from the system, says marketing manager Eddie Gowdy, but applications could be much wider. Main applications to date in the USA and Europe have been in the food and drink industries.

Potential problems of pallet recovery or disposal are overcome, says the manufacturer. Kiltonga Industrial Estate, Newtowndrums, Co Down, N Ireland - 0247 815403, fax: 815409, by its registration with Resy and Repack.

Cost of the system is comparable to that of wooden pallets, says Bradley Thallon, enabling users to make substantial savings without extra costs.

The company's specially developed manufacturing equipment for the Hy-Cube means that it can accommodate customers' special needs into the pallet design.

For further information 148 0839 772268

Is your packaging system out of date?

The combination of technical innovation, wide applications experience, and a thorough understanding of your requirements produces the optimum packaging solution, made complete by our project management and professional installation capabilities.

From standalone palletisers, through upgrading existing installations to complete turnkey projects - look to FTH - optimum performance guaranteed.

For your comprehensive FTH turnkey catalogue ring today.

...that's perfect handling

A member of the HATLAPA GROUP

Call on 0839 772268 or circle number K5-435

Transparent pp attractions

Containers which are almost 100 per cent transparent made from clear pp have been developed by Belgian firm, Wuyts-Transbox NV. In production since June last year, a small 1.2 litre size has now been added to the existing range, used mainly by the confectionery and food industries.

Such packs are generally made of pvc film; this transparent pp alternative allows a conical shape, offering ease of packing, lowering transport costs, and enabling customers to form fill and seal in one operation.

"In addition, our containers are reusable and have been turned into microwave or ice-cream tubs after use," Danny Wuyts md of Transbox (UK agent: Duncan Hutchinson, 174 Chirrell Street, Wain-groves, Ripley, Derby DE5 9TF - tel: 0332 293900, fax: 293344) tells *Packaging News*.

In order to achieve the transparent look, particular additives are used and the thickness of the material is kept to a minimum to ensure that it is cost effective with its pvc counterpart.

However, in order to break

into other markets by produc-

ing a larger drum, the thickness of the container must be increased. "This has proved something of a problem I want to retain the transparent look and cost-effectiveness," explains Mr Wuyts.

"Determined to expand"

Determined to expand, the company has entered into an agreement with US additive manufacturer Millean, and so far spent Belgian Francs 10 million to develop drums up to 10 litres in size with a 15mm as opposed to the existing 0.7mm thickness.

"These larger drums are aimed at food suppliers, not retailers like our present customers, and will contain liquids and sauces such as mayonnaise. If tests carry as successfully as they had, production will begin in July," adds Mr Wuyts.

To date the company has sold 4 million containers.

For further information 149 0839 772268

Free bulk container collection and recycling service

Any user of intermediate bulk containers (ibc) from Shütz (UK) Ltd can now take advantage of a free-of-charge collection and recycling system now offered by the company.

Collection takes place within 30 days of notification - even for a single container - and is free of charge.

"On return, the ibc is refurbished"

Called Euro-Ticket, the system was initially introduced in Germany and continental Europe, but is now offered to all UK customers. It involves a national pool system for every country so there are no freight costs involved, says Shütz (PO Box 100, Claylands Avenue, Dukeries Industrial Estate, Worksop, Notts S81 7Y2 - tel: 0909 478863, fax: 478864).

In operation, the ibc user completes the collection order which is now attached to every ibc and returns it to the European co-ordinating company, Renz System Transport. This company then informs the ibc

.....

Reclosable zipper pouch security

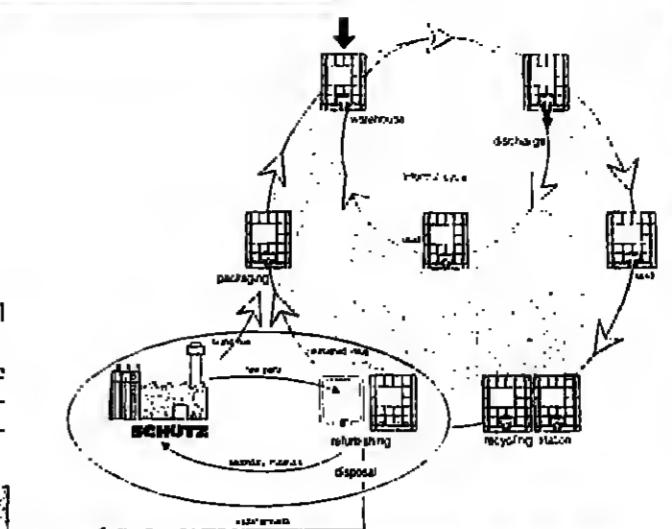


Vapor-Loc by Protective Packaging Ltd: offers long term storage

A tamper evident reclosable preservative pouch that combines the security of a barrier pouch with the ease of a reclosable zipper is being

launched in the UK by Protective Packaging Ltd.

Vapor-Loc offers long term storage and reclosability. The bags have a top seal that



The Euro-Ticket cycle for a Shütz Intermediate bulk container

user when the containers will be collected.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

New light on a famous name.

Smurfit Corrugated

All too often names are changed purely for aesthetics. Reginald Dwight turned into Elton John and who can blame him for that? Norma Jean Baker became Marilyn Monroe, a name with far more sparkle.

So why should a well known leading national business like UK Corrugated ever want to change their name to Smurfit Corrugated? Well, the answer is simple.

For some time UKC has been part of the global packaging giant Jefferson Smurfit. Now it's time to put that name up in lights.

Different name, but the same reliability. The high quality of nationwide services our customers have come to expect from UKC will remain unchanged. The only difference - we would like to highlight the added strength of the Jefferson Smurfit Group.



Smurfit Corrugated
LIMITED

Call on 0839 772268 or circle number K5-471

Smurfit Corrugated Limited, Divisional Office, PO Box 25, Great Bratton Lane, Hatfield, Herts AL10 9PX Tel: 0707 260303

MEET THE ASSOCIATION

Voicing our concerns

In most areas of the economy, a slogan such as 'One industry, one voice' would be greeted with scepticism, but the strength of the BPF lies in the ability of the British producers and converters to forge cross-industry representation, unlike many of its European counterparts.

This ability to reach and develop common positions and respond swiftly to the needs of its members has been particularly important for the plastics industry in recent years, and especially so for the sector with packaging interests.

The recent changes in organisation, bringing in a tier of four sectoral groups (packaging, construction, electrical and transport) above the level of membership groups, reflect distinctions made by the

technical experts

The Plastics and Rubber Advisory Service is run by the BPF to provide expert technical advice on plastics and their uses. Operating via a premium phone line (48p a minute), the service can be reached on 0838 508679. Its advisers can also source plastics materials, products and services.

European Commission for legislative purposes. The move recognises that issues at a national or European Union (EU) level increasingly require treatment on the basis of market sector rather than materials or techniques.

"Any industry that only looks upstream is gazing at its own navel," BPF director general Ron Jones explains graphically. His 37 years in the industry, including six with the federation, have left him with a clear understanding of the technical, environmental and business issues facing members.

One major aim the BPF sets itself is to make clear to government how the UK plastics packaging industry is a national strength to be nurtured in particular as a support to the country's highly developed retailing network.

Increasingly the BPF has been called on to represent

over 200 local government waste officers at a conference organised jointly with Incep.

Alongside this more recent sector-based approach, the BPF's structure involves its

ability for the industry to represent, says Mr Law.

Since its founding in 1933, the BPF has prided itself on responding swiftly to, and often encouraging, developments in the industry. As an example, Mr Law cites the late '70s introduction of pet bottle manufacture into the UK. "We were quick to foster its growth on a national basis by forming a pet bottle group for industry," he says.

The 35 permanent staff at the BPF's London headquarters include consultants for

its Plastics and Rubber Advisory Service (see box). Another subsidiary organisation, the Polymer Engineering Group, monitors relevant research in higher education and publishes a directory.

Other publications from the BPF include market information, with a twice-yearly survey of UK industry trends, packaging having its own section. The federation also compiles reports for international plastics organisations.

Apart from the many BPF members represented on industry standards committees at British and European levels, the federation plays an important role in formulating voluntary codes of practice among members.

There is a long-established track record at the BPF of representing UK companies in DTI-sponsored exhibitions, involvement with major plastics exhibitions abroad and market-related shows in the UK.

The British Plastics Federation is at 6 Bath Place, Rivington Street, London EC2A 3JE - tel: 071-457 5000, fax: 071-457 5045.

BPF headquarters: representing national industry interests

From £995

RELIABILITY QUALITY

INK JET SOLUTIONS

...Choose from our low cost single line printer...
...to our multi line systems.

The latest designs of SAUVEN CODAJET give you
flexibility, quality printing and low running costs.
Thousands of customers have found their solution with SAUVEN!

SAUVEN MARKING
MACHINES LTD

Canada Road, Biffle, Surrey KT14 7JX

Ring 0932 355191 NOW
to discuss your application.



Call on 0839 772268 or circle number K5-457



we produce leaflet-labels that you want, solving problems that you encounter.
Fix-a-Form: the original solution.



DENNY BROS PRINTING LTD
Mildenhall Road, Bury St Edmunds
Suffolk IP22 4NU
Tel: 01284 701381 Fax: 705575

K5 Call for details
430 0839 772268

Robots palletise medical products

Robotic palletisers from Costi in Italy have been installed by Johnson & Johnson as part of its 'lights out' medical product operation in Gargrave, W Yorks.

Two Costi MP25 robots service up to 14 different pallet positions each, with up to 28 products identified and palletised by the system. The mobile robots were supplied by Amtrac Turckton with a control system which ensures that each product is correctly palletised according to set patterns.

Johnson & Johnson runs a three shift, five day operation in an area which includes completely automated no-light and no-light sections, con-

tributing to its energy conservation programme. Fork lift trucks and wooden pallets have also been excluded from the production area.

£500,000 contribution

According to Amtrac, this is one of the largest integrated robot palletiser and conveying installations in the UK. Its own contribution was valued at over £500,000.

Cases of surgical dressings, procedure packs and medical gloves travel down line shaft roller conveyors supplied by Amtrac's parent company

For further information 101 0839 772288

DEPALLETISERS, VOLUMETRIC FILLERS, WEIGHT FILLERS, WRAP-AROUND PACKERS, TRAY PACKERS, SHRINKWRAPPERS

NEWS

Triangular carton impact

Tuckington Engineering, Two laser scanners initially register the life (hospital industry barcode) on incoming product, and this is double checked by a raster laser scanner.

Control information comes from a mainframe computer some 300m away from the production area. Transfer of the 1200 x 1000mm pallets is automatic, using a two position trolley car which receives full loads at one station and indexers over to feed an empty pallet back into the system.

According to Amtrac Turckton (Primrose Mill, Martin Street, Burnley BB10 1SH - tel: 0282 415174, fax: 454893), a service contract for the company guarantees efficiency checks on the robots three or four times a year. JF Tuckington Engineering (tel: 0282 414940, fax: 414218) shares the same address.

Further requirements included a quick release mechanism for easy access to the back of the pack once the salmon's sell-by date was approaching. According to Tesco, if customers wanted to substitute fish with a more distant sell-by date, this could also be easily done without damaging the pack. "This is truly consumer-friendly packaging," says Lucy Nelmes, buyer for Tesco.

"Space utilisation was key to what they did," Ms Nelmes tells *Packaging News*. "The pack gave a very good visual impact for a product that consumers weren't looking for or expecting to see."

By working with Trenton, Tesco was also able to keep the price of the gift pack down to just the combined cost of the individual products.

OCME is now recognised as a leading manufacturer of single machines and complete systems which include depalletisers, volumetric fillers, weight fillers, wrap-around packers, tray packers, shrinkwrappers, palletising systems and conveyor systems for small packs and pallets in a number of industries.

With projects becoming ever more specialised, we design all our machines in such a way that technically they meet the required specifications and more importantly we guarantee the results. Productivity is high on the agenda; all OCME machines are designed with fault diagnostics, easy to operate controls and easy access for maintenance.

ocme

STRONG FROM CONCEPTION

OCME UK King John House Kingsclere Park Kingsclere Newbury BERKSHIRE RG15 8SW
Telephone (0635) 298171 Fax (0635) 297938 Ilx 848648 OCME

DEPALLETISERS, VOLUMETRIC FILLERS, WEIGHT FILLERS, WRAP-AROUND PACKERS, TRAY PACKERS, SHRINKWRAPPERS

Call on 0839 772288 or circle number K5-430

NEWS

Reclosable multilayer success

Rudi Fux of German Kramer & Grebe and Dieter Flieger of DuPont Nemours International swept the board at the 1994 Packaging Innovator awards, winning both the overall title and the design category for their reclosable multilayer plastics pack for fresh and chilled meat and cheese.

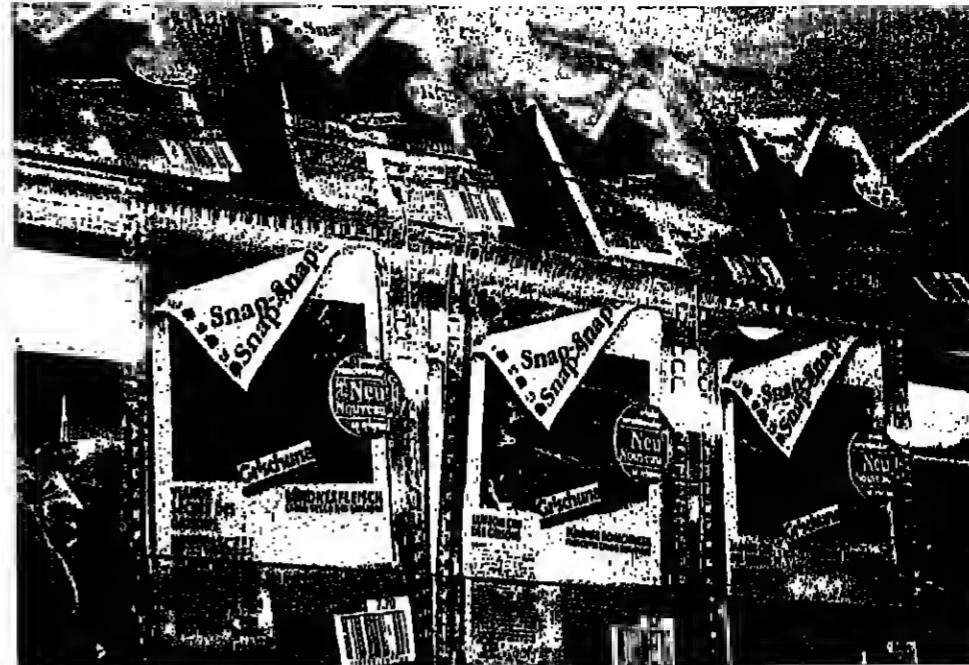
Head of the judging panel Sir Ian MacLaurin, chairman of Tesco, said: "The combined expertise of thermoforming technique and materials technology has produced a pack that not only protects the products, but also meets the needs of openability and resealability."

Winner of the machinery equipment and systems category was a team led by Nigel King, md of Graseby Goring Kf Intertec, for its low-cost X-ray inspection equipment. The system detects contaminants and rejects misshapen products.

The limited scale special Christmas line meant that the 4000 cartons produced could be hand packed, in Trenton (Marston Road, Neots, Huntingdon, Cambs PE19 2HF - tel: 0480 426 5425).

For transit, pairs of triangular cases fitted together face to face to form a rectangle. The carton, which was selected to sit, stand, chill cabinet cooling but also give good printability, was decorated in two colours plus varnish.

For further information 102 0839 772288



The triangular selection carton offers near pilferproof design

Rover's K series engine.

While md of German based VP Papier, Georg Kucha took the environment category with his development of an all paper, padded postal pack which has been developed as an alternative to a bubble film lined product.

The last category of the awards, organised by the Institute of Packaging, for sales and marketing was clinched by Stephen Elkins, packaging manager at Geest Prepared Foods for directing the successful launch of a range of fresh chilled soups from the Fresh Soup Co in stand up pouches.

according to the retailer.

According to Trenton

design aimed at one

impact and clear difference

from other products. Price

value of the gift box is

another consideration.

The limited scale

special Christmas line meant

that the 4000 cartons produced

could be hand packed, in

Trenton (Marston Road,

Neots, Huntingdon, Cambs

PE19 2HF - tel: 0480 426

5425).

The last category of the awards, organised by the

Institute of Packaging, for

sales and marketing was

clinched by Stephen Elkins,

packaging manager at Geest

Prepared Foods for directing

the successful launch of a

range of fresh chilled soups

from the Fresh Soup Co in

stand up pouches.

In the materials and containers category, Unipart packaging manager Alan Turner and Paul Johnson design manager of Bowater Containers Heavy Duty jointly won for their work on two distribution packages for

the success of their range of fresh chilled soups from the Fresh Soup Co in stand up pouches.

For further information 102 0839 772288

The last category of the awards, organised by the

Institute of Packaging, for

sales and marketing was

clinched by Stephen Elkins,

packaging manager at Geest

Prepared Foods for directing

the successful launch of a

range of fresh chilled soups

from the Fresh Soup Co in

stand up pouches.

For further information 102 0839 772288

The last category of the awards, organised by the

Institute of Packaging, for

sales and marketing was

clinched by Stephen Elkins,

packaging manager at Geest

Prepared Foods for directing

the successful launch of a

range of fresh chilled soups

from the Fresh Soup Co in

stand up pouches.

For further information 102 0839 772288

The last category of the awards, organised by the

Institute of Packaging, for

sales and marketing was

clinched by Stephen Elkins,

packaging manager at Geest

Prepared Foods for directing

the successful launch of a

range of fresh chilled soups

from the Fresh Soup Co in

stand up pouches.

For further information 102 0839 772288

The last category of the awards, organised by the

Institute of Packaging, for

sales and marketing was

clinched by Stephen Elkins,

packaging manager at Geest

Prepared Foods for directing

the successful launch of a

range of fresh chilled soups

from the Fresh Soup Co in

stand up pouches.

For further information 102 0839 772288

The last category of the awards, organised by the

Institute of Packaging, for

sales and marketing was

clinched by Stephen Elkins,

packaging manager at Geest

Prepared Foods for directing

the successful launch of a

range of fresh chilled soups

from the Fresh Soup Co in

stand up pouches.

For further information 102 0839 772288

The last category of the awards, organised by the

Institute of Packaging, for

sales and marketing was

clinched by Stephen Elkins,

packaging manager at Geest

Prepared Foods for directing

the successful launch of a

range of fresh chilled soups

from the Fresh Soup Co in

stand up pouches.

For further information 102 0839 772288

The last category of the awards, organised by the

Institute of Packaging, for

sales and marketing was

clinched by Stephen Elkins,

packaging manager at Geest

Prepared Foods for directing

the successful launch of a

range of fresh chilled soups

from the Fresh Soup Co in

stand up pouches.

For further information 102 0839 772288

The last category of the awards, organised by the

Institute of Packaging, for

sales and marketing was

clinched by Stephen Elkins,

packaging manager at Geest

Prepared Foods for directing

the successful launch of a

range of fresh chilled soups

from the Fresh Soup Co in

stand up pouches.

For further information 102 0839 772288

The last category of the awards, organised by the

Institute of Packaging, for

sales and marketing was

clinched by Stephen Elkins,

packaging manager at Geest

Prepared Foods for directing</

Pictures of health

The healthcare market may soon be invaded by a posse of radically different pack designs, if manufacturers take to heart the findings of a recent piece of research. *Pill Popping in the High Street*, a report published last autumn by The

include government policy, which aims to save millions of pounds by restricting the range and price of prescription drugs, and banning the prescription of entire product categories. And from this year, certain drugs previously thought by

may prefer to prescribe.

Public perception is also playing its part, with 73 per cent of housewives, according to Mintel, now believing that the medical profession is encouraging people to treat themselves for minor ailments, and the same proportion agreeing that pharmacists are as effective as doctors in giving advice and product recommendations for minor ailments.

The market for complementary medicines such as vitamins, dietary supplements and homeopathic and herbal remedies is thriving, due in part to a growing mistrust of pharmaceutical drugs and their side effects.

The report highlights the

Vitamin pills and other healthcare products are finding their way into supermarket trolleys along with the week's groceries. Meanwhile, more and more medicines are coming off the prescription-only list and going direct sale in pharmacies. Recent research suggests that manufacturers wanting their products to sell well over the counter will have to rethink their approach to pack design. Claudette Hall reports

effects of the changing retail environment, with supermarkets now stocking a considerable range of OTC medicines and Safeway, Tesco and Asda having their own or a franchised pharmacy in-store. "In the UK this poses a short term need to assess the impact of the changing retail environment in which purchases are made," states the report. "In the long term it poses a considerable threat." For one thing, it opens the way for own-labels.

"For their part," the report continues, "the pharmaceutical companies recognise the strength of the SMEG sector in managing successful mass-market, consumer marketing strategies. However, all would

agree that a new genre of marketing is needed to meet the unique challenges which lie ahead for OTC brands."

"OTC brands not only face the challenge of differentiation and loyalty to tackle, they must also communicate with consumers on clinical safety and efficacy," says the report.

The role of packaging design in OTC marketing is closely linked to the nature of today's consumer, according to the report: "In these ninteenth century, consumers are sceptical and thoughtful, li-

erate and independent. Shoppers who once showed loyalty to a brand are now willing to try something new which

Original Sanatogen pack: Conveys pharmaceutical efficacy

catches their eye." This change in attitudes, combined with the trend towards supermarket shopp-

ping, is making point of sale a critical battleground. According to research carried out for The London Design Partnership in June and July 1993, people buying OTC healthcare products in a supermarket believe very differently from those buying in a traditional pharmacy.

"As OTC sales in supermarket increase," says Gerry O'Dwyer, creative partner of The London Design Partnership, "so the crossover of supermarket shopping habits to OTC purchases will place greater importance on the front of the pack to answer all the consumer's concerns. Those relying on shoppers consulting both front and back of pack will be at a disadvantage."

Although the majority of shoppers stopping to look at OTC products go on to make a purchase - 90 per cent in pharmacies and 56 per cent in supermarkets - only 8 per cent of purchasers make their selection without any detailed reference to packaging, and

84 per cent consider more than one product.

"So, while one can assume a large percentage of shoppers have made up their minds to make an OTC purchase," the report concludes, "the exact brand or product they purchase is a decision usually made at point of sale."

However, consumers do not appear to share a common approach to OTC packaging. The majority refer only to the front of the pack; only 41 per cent of those surveyed referred to both front and back. This behaviour is influenced by factors such as shopping environment, comparison across brands, and type of product purchased.

In traditional pharmacies 60 per cent of shoppers looked at both front and back, but only 27 per cent did so in supermarkets. Of shoppers consulting only one product, 70% studied both front and back, but for those considering a number of products the proportion fell to one in three. And while 60 per cent of shoppers buying vitamins consulted both front and back, only 27 per cent of those buying painkillers did so.

"Our brief was to come up with something much more specific, to enable you to identify whether the proposition was relevant or not."

"The previous design of nine circles was all about pharmaceutical efficacy, and ultimately quite challenging and cold. We wanted imagery that was much more inviting - reassuring but also approachable."

Prohibited from making any overt claims about the

design of front of pack must communicate all the product's strengths and not just some of them.

"An analysis of current OTC packaging suggests that even some of the brands which have recently introduced new packaging use the front of pack essentially as a signpost or point of reference for the shopper trying to find a particular brand on the shelf. Much of the selling of the OTC brand, promoting its core values and benefits over alternative products takes place in the dark, so to speak, on the reverse."

The London Design Partnership may have already been considering such problems when it redesigned the Sanatogen multivitamin pack for Fisons Pharmaceuticals in 1987. "Competitors' packaging was really just a collection of abstract coloured images communicating some strange information on vitamin pills," says Mr O'Dwyer.

"Our brief was to come up with something much more specific, to enable you to identify whether the proposition was relevant or not."

"The assumption that the supermarket OTC shopper will be driven by safety and ethical concerns to behave in a significantly different way towards OTC appears to be unfounded," says the report. "To succeed,



Original Sanatogen pack: Conveys pharmaceutical efficacy

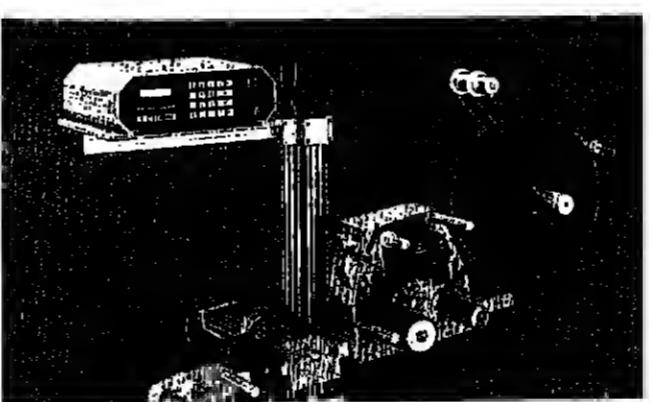
catches their eye." This change in attitudes, combined with the trend towards supermarket shopp-

ing, is making point of sale a critical battleground. According to research carried out for The London Design Partnership in June and July 1993, people buying OTC healthcare products in a supermarket believe very differently from those buying in a traditional pharmacy.

The face behind the barcode is immediately identifiable. Just as your products must be.

We develop the software which lets the labelling system speak meaningfully to your MIS system - so you maximise the benefits from your investment. And we'll be right alongside you during installation, test and full operation.

Developing the optimum system demands



One of a wide range of printer/applicators.

specialist expertise. And you won't be short of offers from suppliers. Some understand computing, some are expert in label printing.

Labfax bridges the critical gap.

We are totally dedicated to labelling and coding systems. We work with your own team to identify your specific needs, then we bring years of experience to bear to identify which hardware will produce the coding and identification to

If you'd like to know how we could help you, call Colin Onions on 0952 670380 or fax 0952 677103, today.

You'll find we don't want to fool any of the people any of the time.



Labfax Systems Limited, Label House, Hortonwood 7, Telford TF1 4GP.



INSTANT identification

MARKING

Brass Type, Steel Type & Coding Boxes for Packaging Machines

NCB MARKING EQUIPMENT LTD
Birmingham Road, Hopwood, Birmingham, B48 7AL
Tel: 021-447 7733 Fax 021-447 7732

Call on 0839 772268 or circle number K5-458

the design of front of pack must communicate all the product's strengths and not just some of them.

"An analysis of current OTC packaging suggests that even some of the brands which have recently introduced new packaging use the front of pack essentially as a signpost or point of reference for the shopper trying to find a particular brand on the shelf. Much of the selling of the OTC brand, promoting its core values and benefits over alternative products takes place in the dark, so to speak, on the reverse."

The London Design Partnership may have already been considering such problems when it redesigned the Sanatogen multivitamin pack for Fisons Pharmaceuticals in 1987. "Competitors' packaging was really just a collection of abstract coloured images communicating some strange information on vitamin pills," says Mr O'Dwyer.

"Our brief was to come up with something much more specific, to enable you to identify whether the proposition was relevant or not."

"The previous design of nine circles was all about pharmaceutical efficacy, and ultimately quite challenging and cold. We wanted imagery that was much more inviting - reassuring but also approachable."

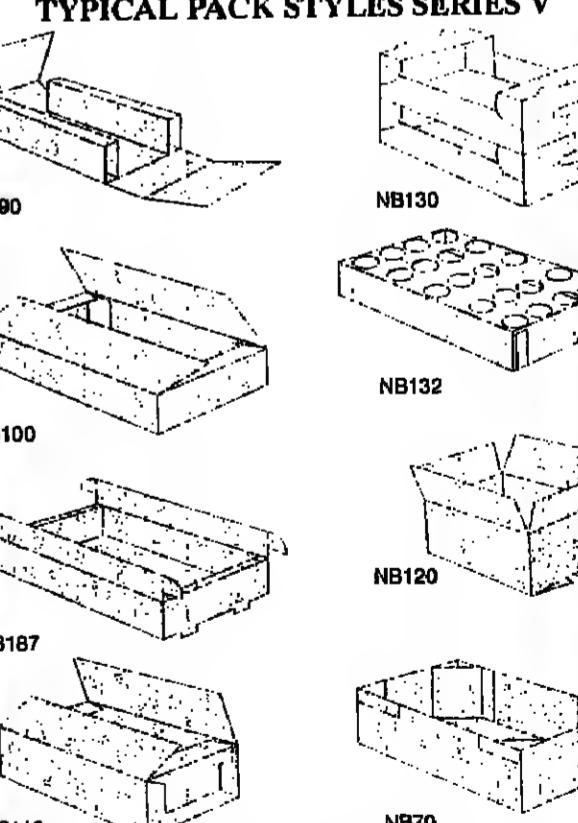
Prohibited from making any overt claims about the

ERCTION PROBLEMS?

Newbury Machines can automatically erect most transit/display packs

Offering: Reduced Labour Costs
Reduced Pack Costs &
Improved Product Presentation

TYPICAL PACK STYLES SERIES V



To discuss your specific tray and case erecting requirements please contact

Ken Dolling
38 Castle Farm Road
Hanham Abbotts
Bristol BS15 3NN
Tel: 0272 609242
Fax: 0272 609242

Call on 0839 772268 or circle number K5-453

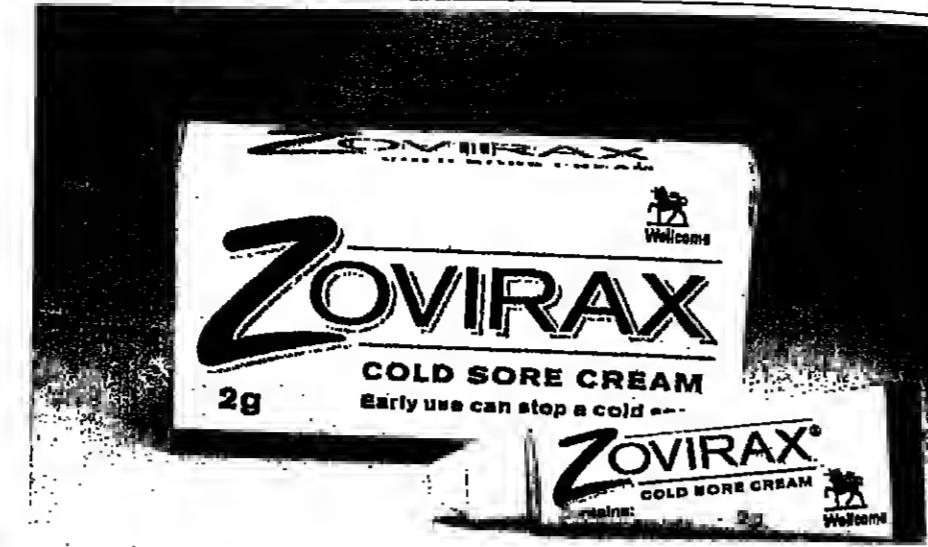


Zovirax prescription only pack: Shows the problem

benefits of vitamin pills, the design team used illustrations to communicate the notion of increased vitality, through both the content and style of the pictures. The white pack and black logo conveyed pharmaceutical efficacy.

Mr O'Dwyer claims that although the redesign succeeded in creating a true differential between Sanatogen and the competition, it has since become "the generic benchmark packaging for vitamins". Subsequent redesigns have been merely evolutionary, since research showed that consumers saw nothing wrong with the 1987 version.

Wet tea bags may not



Zovirax pharmacy pack: Shows reassurance

whose recommendation would play an important part in sales. Adler Design knew it still needed to create a pack that worked on the shelf.

"It had to be eye-catching and reassuring and send all the messages to give the product a relevant appeal - ability to do the job, trust, and effectiveness," says creative director Adrian Adler.

The existing blue prescription-only pack featured a face with a red spot indicating the presence of a cold sore, and the Wellcome name and logo figured strongly.

"Market research said we had to retain some medicinal heritage but also appeal to consumers," says

showing reassurance. The soft 'Z', almost like a squirt of the cream, was to give it impact and softness at the same time.

"Accessibility was the key. The rest of the word coming off the 'Z' was clear and concise, and the white pack conveyed the ethical values. The 'Z' became almost a mini corporate identity, and features strongly in the brand's advertising."

Research showed that the 'Z' logo fulfilled Wellcome's wish for a pack that appealed equally to men and women. "The women immediately picked up on this soft 'Z' because they found it more accessible," says Mr Adler, "but the men, although there

were harder designs also on view, saw the 'Z' as being effective, suggesting that the product is going to do the job."

Mr Adler describes his design as "a fine balance between the ethical, the effective and the accessible". In the four months after launch, consumers bought around 1.5 million tubes of Zovirax, worth over £6 million at rrp.

The design solution adopted for Zovirax and Sanatogen both illustrate the conclusions of the Pill Popping report: "What is needed is the marrying of proven successful techniques from drug packaging to the unique challenge facing one brands."



Single use container offers easy opening

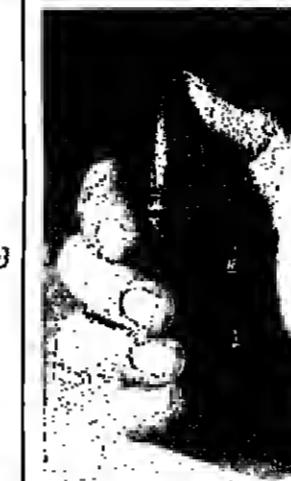
A single use container for dispensing products ranging from detergents to pharmaceuticals is being launched by Norden Pac International ab.

The Swedish company, which is better known for making 40 per cent of the world's tube filling machinery, says its tamper evident Unit Dose dispenser offers greater consumer convenience than other designs on the market.

"The container can be opened easily with one hand by snapping off the top with the thumb to dispense a precise, pre-measured dose," says Nils-Erik Engström of Norden Pac (UK: Church Street, Baldock, Herts SG7 5AF - tel: 0162 895245, fax: 895683).

The design also means it is easy to see if the pack has been tampered with, an especially important feature for pharmaceuticals and sensitive food products such as infant formula.

The container can be opened with one hand by snapping off the top with the thumb



Fine electronic control on volumetric filling system

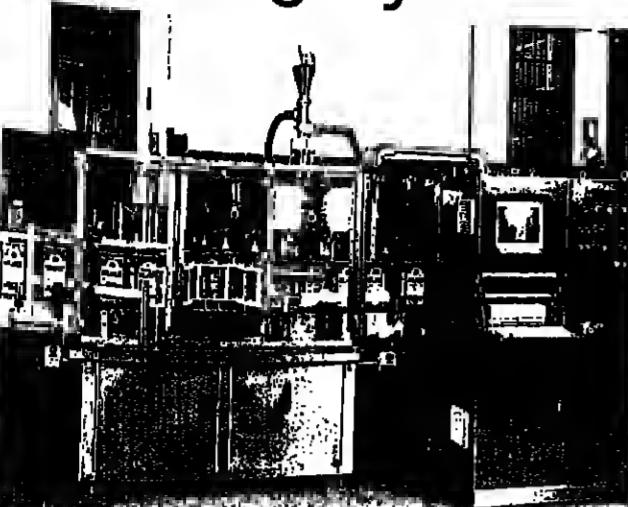
A volumetric filling system was shown by Mario Ronchi Srl working with tinplate containers, and demonstrating its fine electronic control.

Programming on the Exacta system is said to be easy, with fill quantities inputted via a keyboard. Individual filling heads can also be regulated. No matter how many heads are being used, format change takes the same time, and has been substantially reduced.

Products with low electric conductivity - those with low water content - can be filled on a system using magnetic induction meters. Mechanical metering is used with oily products, while special fittings are available for corrosive liquids.

Since liquids do not accumulate inside the machines, no sedimentation takes place, making quick cleaning possible with the minimum of water.

Rotary filling of edible oil was shown on the stand with the Exacta R. This can fill containers of between 3 and 5



The volumetric filling system shown by Mario Ronchi Srl

litres. Other models include the Exacta L for large containers up to 25 and the CF for flexible containers. The CF comes in continuous and intermittent motion versions for containers up to 3l.

The Italian company's exclusive agent in the UK is Propack Automation Machinery Ltd (Binn Close, Totton Avenue, Coventry CV4 9TB - tel: 0203 470074, fax: 471190).

For further information **K5** Call for details **151** 0839 772268

PALLET WRAPPING MACHINES

Shrink wrap



All the advantages of shrinkwrapping. Full stabilisation and protection of goods. No heat consumption therefore no risk of fire.

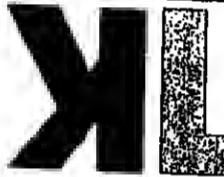
Stretch wrap



Call on 0839 772268 or circle number **152**

KURT LACHENMEIER (UK) LTD, BELMAYNE HOUSE, 99 CLARKEHOUSE ROAD, SHEFFIELD S10 2LN.
TEL: 0742 884352, FAX: 0742 883627

KURT LACHENMEIER A/S, K.L. INSTRUMASKINER, FYNSGADE, 6-10, DK-8400 SONDERBORG, DENMARK



Shrink Frames, Hood Applicators, Fully automatic "Combi" units. Many options. Up to 70 pallets per hour, fully protected and well presented to your customers.

Hood stretch

Capacity up to 90 pallets/hour. Sturdy reliable construction can incorporate options as follows:-

- Top sheet applicator
- Power pre-stretch-minimises film consumption
- Adjustable press.

One-piece cartoning

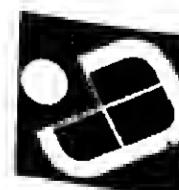
Shown on the Mingozzi stand was the 1005 vertical cartoner producing sift-free one-piece packs as an alternative to bag-in-box.

Filling cartons between 5 and 7kg with powders, granules and other free-flowing products, the 1005 is the largest in the Mingozzi range. Users can economise by using a combination of hotmelt and lower

For further information **K5** Call for details **152** 0839 772268

MEETING PACKAGING NEEDS
Calendered Plastics manufactures high quality rigid films for the display and packaging industries. Our service is fast and flexible.

EXCEPTIONALLY COMPETITIVE LEAD TIMES



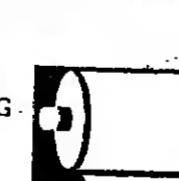
FORM, FILL & SEAL APPLICATIONS



TECHNICAL BACK-UP AND SALES SUPPORT



UK BASED MANUFACTURING FACILITY



JIT PRODUCTION



CALENDERED PLASTICS LIMITED
For sales information telephone: 0222 851919 fax: 0222 867749

Call on 0839 772268 or circle number **K5-443**

PACKAGING NEWS/MAY 1994

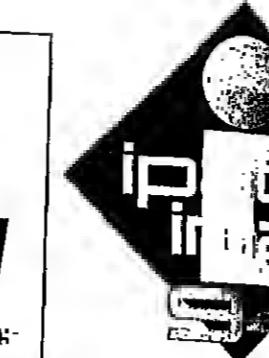
Foreign influx for Milan show

Organisers registered a 18.5 per cent increase in foreign visitors on the last Ipack Ima exhibition held in Milan, with a total of 51,659 visitors from home and abroad passing through the gates.

While pointing out that this increase in foreign interest can be partly accounted for by the deterrent influence of the Gulf War only months before the last show, Ipack Ima says that the success of the March '94 exhibition demonstrated that the expected revival in the Italian economy was already underway. Half of the visitors from abroad chose to attend on more than one day.

As a part of the Italian Institute of Packaging's Oscar awards, presented during the show, the organisers introduced voting by the public for its favourite pack. Of the 21 prize winning packs, PKL Combibloc's CombiTop carton won the most with 180 visitor votes.

For further information **K5** Call for details **151** 0839 772268



trial, food or chemical containers which keeps two products separated until required. It is only two pieces, with a screw seal and a system which makes opening impossible unless fitting has already taken place.

Other Oscar winners



PKL Combibloc's CombiTop carton attracted 180 visitor votes

included a Pechinette resealable can with ring pull opening inside for Illycaffè ground coffee, and pe/PP packs for single doses of liquid pharmaceuticals with an integral plastic spout.

Ilge spa won an award for another pharmaceutical pack - but also potentially for indust-

For further information **K5** Call for details **152** 0839 772268

cost cold pva adhesive on a sift-free closures.

Line spa won an award for another pharmaceutical pack - but also potentially for indust-

For further information **K5** Call for details **152** 0839 772268

Preformed pouches and stand-up pouches up to 5 litres - with or without a pouring spout - can be filled on a system introduced at the show by the Goglio Group.

The GL90 works from a double row of pouches, allowing a high degree of automation, says the company (Via

0532 779504, fax: 760557).

Carton dimensions can be from 80 x 30 x 120mm high to 275 x 150 x 375mm high. Six parts simply clip into place for toolless changeover, and adjustment of the four volumetric or auger dosing heads by servo motor.

Filling cartons between 5 and 7kg with powders, granules and other free-flowing products, the 1005 is the largest in the Mingozzi range. Users can economise by using a combination of hotmelt and lower

For further information **K5** Call for details **152** 0839 772268

light materials can be supplied. This pack range and different filling equipment for powdered, granular or liquid products are part of Goglio's Fresco System.

Materials used in the company's aseptic system range include aluminium sandwiched between high mechanical resistance plastics, with a heat-sealable film in contact with the product. Fully transparent laminates can also be supplied, says the company.

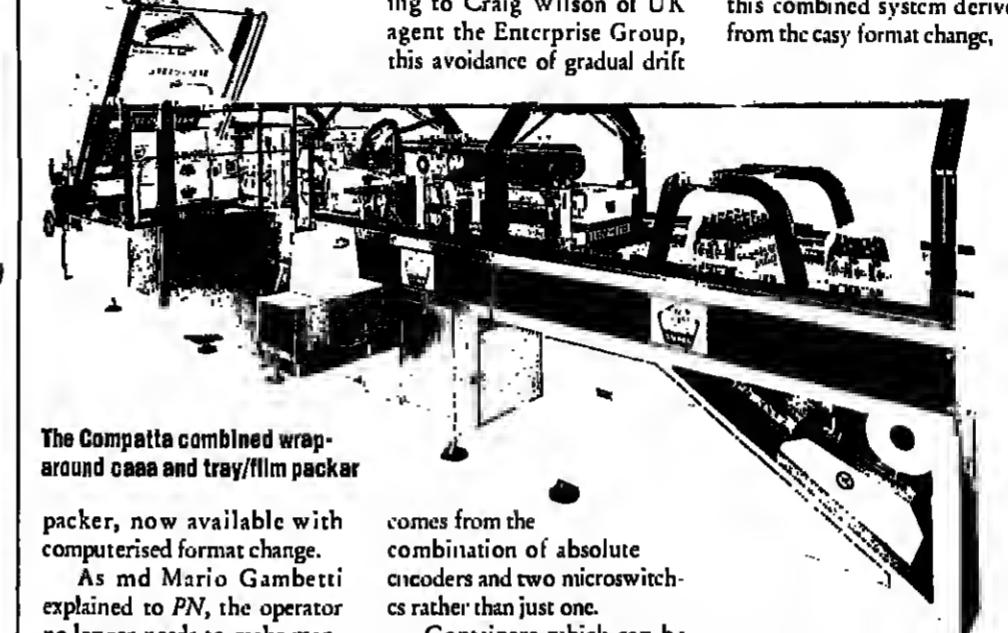
For further information **K5** Call for details **152** 0839 772268

Tray/film wrapper has computerised format change

Reliable repeat performance is one of the strengths of the system, says Mr Gambetti, with just 0.1mm tolerance maintained over time. According to Craig Wilson of UK agent the Enterprise Group, this avoidance of gradual drift

During the gluing stage, pressure, temperature and flow of adhesive is said to be optimised by a sequence of nozzles.

The specific advantages of this combined system derive from the easy format change,



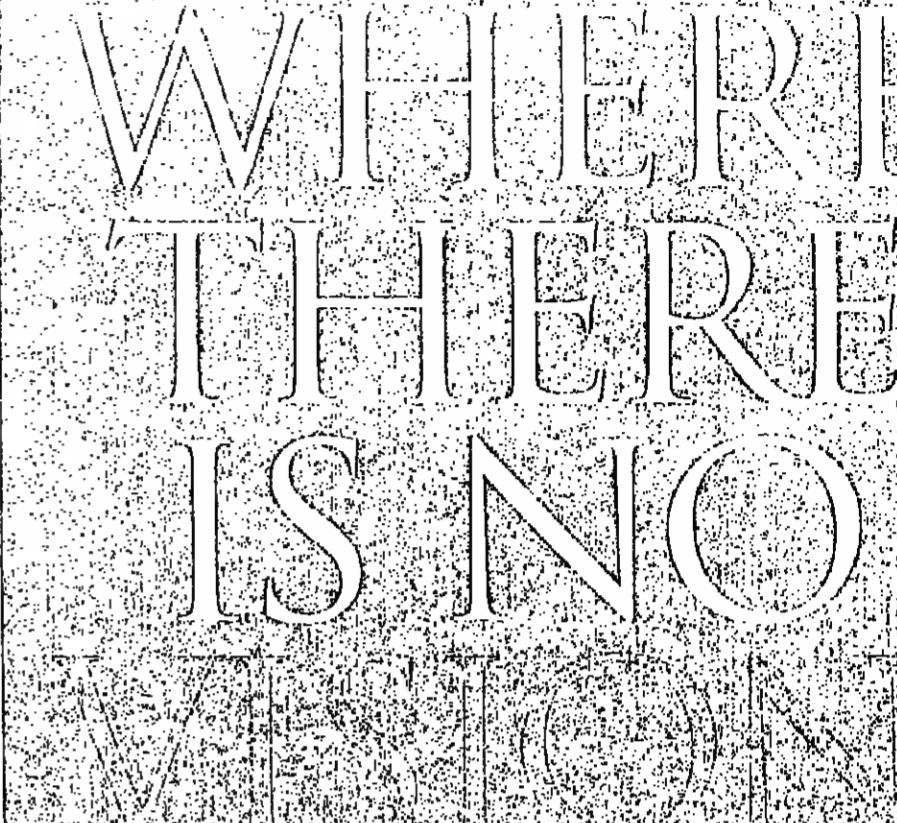
The Compatto combined wrap-around case and tray/film packer

packer, now available with computerised format change.

As did Mario Gambetti explained to PN, the operator no longer needs to make manual changes to the Compatto.

The automated procedure takes just three minutes for a change in all three dimensions. Board size change is also automated, although loading of the magazine is still a manual job.

For further information **K5** Call for details **152** 0839 772268



High automation filling of pouches

Preformed pouches and stand-up pouches up to 5 litres - with or without a pouring spout - can be filled on a system introduced at the show by the Goglio Group.

The GL90 works from a double row of pouches, allowing a high degree of automation, says the company (Via

0532 779504, fax: 760557).

Carton dimensions can be from 80 x 30 x 120mm high to 275 x 150 x 375mm high. Six parts simply clip into place for toolless changeover, and adjustment of the four volumetric or auger dosing heads by servo motor.

Filling cartons between 5 and 7kg with powders, granules and other free-flowing products, the 1005 is the largest in the Mingozzi range. Users can economise by using a combination of hotmelt and lower

light materials can be supplied. This pack range and different filling equipment for powdered, granular or liquid products are part of Goglio's Fresco System.

Materials used in the company's aseptic system range include aluminium sandwiched between high mechanical resistance plastics, with a heat-sealable film in contact with the product. Fully transparent laminates can also be supplied, says the company.

For further information **K5** Call for details **152** 0839 772268

Two-head efficiency

Equipment on the ICA stand included the Duopack 2000 high speed vertical f/f machine with two forming tubes.

Unlike other systems, which are effectively just two single-head machines in parallel, the Duopack is more efficient in its use of the 2-head system, says ICA. The drive alternately operates one tube and then the other, with each tube making 50 per cent of the total output.

Up to 140 bags a minute can be filled on the pc-controlled machine, says the company (Via del Litografo 7, 40138 Bologna, Italy - tel: 051 6017011, fax: 538211).

Among other machines shown were the CSV30 - BC, which forms well squared packs.

For further information **K5** Call for details **140** 0839 772268

For further information **K5** Call for details **136** 0839 772268

For further information **K5** Call for details **136** 0839 772268

For further information **K5** Call for details **136** 0839 772268

For further information **K5** Call for details **136** 0839 772268

For further information **K5** Call for details **136** 0839 772268

For further information **K5** Call for details **136** 0839 772268

For further information **K5** Call for details **136** 0839 772268

For further information **K5** Call for details **136** 0839 772268

For further information **K5** Call for details **136** 0839 772268

For further information **K5** Call for details **136** 0839 772268

For further information **K5** Call for details **136** 0839 772268

For further information **K5** Call for details **136** 0839 772268

For further information **K5** Call for details **136** 0839 772268

For further information **K5** Call for details **136** 0839 772268

For further information **K5** Call for details **136** 0839 772268

For further information **K5** Call for details **136** 0839 772268

For further information **K5** Call for details **136** 0839 772268

For further information **K5** Call for details **136** 0839 772268

For further information **K5** Call for details **136** 0839 772268

For further information **K5** Call for details **136** 0839 772268

For further information **K5** Call for details **136** 0839 772268

For further information **K5** Call for details **136** 0839 772268

For further information **K5** Call for details **136** 0839 772268

For further information **K5** Call for details **136** 0839 772268

For further information **K5** Call for details **136** 0839

Spray label elegance

A Dry-Peel coupon label used for L'Oréal's Elnett Satin hair spray aerosol is said by L'Oréal to fit in with the stylish elegance of the Elnett brand graphics and provide a much larger area on which to express its promotional message.

The coupon version of Dry-Peel has been produced on self adhesive metallised polyester by Harlands (Land of Green Ginger House, Anlaby, Hull HU10 6RN - tel: 0482 561166, fax: 564249).

The entire label can be removed to become a durable, dry coupon for redemption for goods and services stated on the label, says the company.

For further information K5 168 Call for details 0839 772268

Luxury bath oils redesign



Montagne Jeunesse bath oils redesign: a prestige pack, featuring a cork-mouth finish, classic shape and very high quality engraving

Technical design expertise from Lax & Shaw is said to have been instrumental in positioning the Montagne Jeunesse range of bath oils in the highly competitive

For further information K5 167 Call for details 0839 772268

global toiletries market.

Although Montagne Jeunesse had a clear focus of the 300ml packaging concept it was seeking, it required objective advice on the most effective design achievable within the technical limitations of its initial ideas.

Many variations

"What emerged is clearly a prestige pack, with its cork-mouth finish, classic shape and very high quality engraving for each of the many variations of the luxury toiletry product," says Martin Jones, chief designer at Lax & Shaw (South Accommodation Road, Leeds LS10 1NQ - tel: 0532 451568, fax: 449349).

Known as CHIP 2 for short, they will replace CHIP 1 - the Chemicals (Hazard Information and Packaging) Regulations 1993 - which came into effect last year. In practice, it will only deal with supply requirements rather than carriage requirements as these have been transferred into other regulations.

These will have to be fitted with child resistant fastenings and tactile danger warnings for the blind or partially sighted.

A

three-page summary of the 650 page consultative document has been prepared by HSE and is available from HSE Books (PO Box 1999, Sudbury, Suffolk CO10 6FS - tel: 0788 881165, fax: 313995).

For further information K5 104 Call for details 0839 772268

Call on 0839 772268 or circle number K5-443

known as CHIP 2 for short, they will replace CHIP 1 - the Chemicals (Hazard Information and Packaging) Regulations 1993 - which came into effect last year. In practice, it will only deal with supply requirements rather than carriage requirements as these have been transferred into other regulations.

These will have to be fitted with child resistant fastenings and tactile danger warnings for the blind or partially sighted.

A

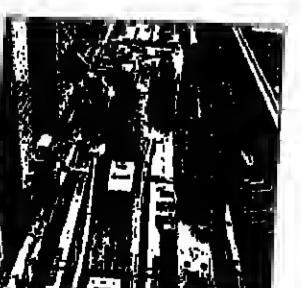
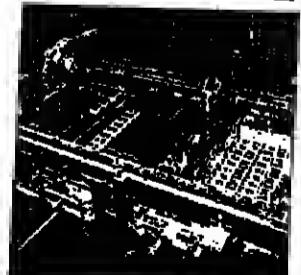
three-page summary of the 650 page consultative document has been prepared by HSE and is available from HSE Books (PO Box 1999, Sudbury, Suffolk CO10 6FS - tel: 0788 881165, fax: 313995).

For further information K5 104 Call for details 0839 772268

Call on 0839 772268 or circle number K5-443



Few things stack small packets better



Nature is renowned for the way it packs all those little parts into such small places and so neatly.

Now FTH takes the principle a step further and introduces the Dual In-feed Bag Palletiser.

Designed to accept both bags and collated bundles it palletises them into a market presentation at a staggering 8400 units per hour.

Product changeover is extremely fast as you would expect from an FTH machine.

Whether you palletise soap powder, bags of flour or boxes of plaster - Dual In-feed Bag Palletising will improve efficiency and productivity.

Full details of FTH Dual In-feed Palletisers and other FTH bag palletisers are available from our Sales Offices.

FTH FÖRDERTECHNIK UK LTD
Chatsworth House, Prime Business Centre
Raynesway, Derby DE21 7SR, UK
Tel: 0332 672888 Fax: 0332 679888

FTH FÖRDERTECHNIK HAMBURG GMBH
Tomescher Weg 5-7, D-25430 Uetersen, Germany
Tel: 04122 711-0 Telefax: 04122 711-144

FTH

A member of the NATLAPA Group

Call on 0839 772268 or circle number K5-477

NAME CHANGE BUT STILL NO¹

We may have changed our name but we're still

- Providing every service for our existing customers
- Investing in research and development
- Marketing and manufacturing our own machinery
- Launching a new generation of mid-range and high speed baggers for food and non-food products

And to add to all that, we're also:-

- An autonomous division within Howden Packaging Equipment Limited
- Taking on the parts and servicing of the Rose Forgrave BL1.

So, naturally, we're still No¹!

G.U.K. Machines
IS NOW
ROSE FORGROVE
(Bagging & Slicers)

Unit 17, Rollesby Road,
Hardwick Industrial Estate, Norfolk,
King's Lynn PE30 4DL
Tel: 0553 776006 Fax: 0553 691538

Call on 0839 772268 or circle number K5-472

PACKAGING NEWS/MAY 1994

NEWS

HSE drafts rules on dangerous chemicals

New draft regulations published in a consultative document by the Health and Safety Commission (HSE) concern the provision of information about dangerous chemicals.

"Deals only with supply requirements"

Known as CHIP 2 for short, they will replace CHIP 1 - the Chemicals (Hazard Information and Packaging) Regulations 1993 - which came into effect last year. In practice, it will only deal with supply requirements rather than carriage requirements as these have been transferred into other regulations.

These will have to be fitted with child resistant fastenings and tactile danger warnings for the blind or partially sighted.

A

three-page summary of the 650 page consultative document has been prepared by HSE and is available from HSE Books (PO Box 1999, Sudbury, Suffolk CO10 6FS - tel: 0788 881165, fax: 313995).

For further information K5 104 Call for details 0839 772268

Call on 0839 772268 or circle number K5-443



The 100ml clear pet pump spray used for Invigor 8 facial spray

Spray of clear water

Kerrywild of Ireland is using a 100ml clear pet pump spray from LMG Fibrenyle for its Invigor 8 facial spray which contains pure spring water from Dingle, County Kerry.

The pet pump spray incorporates an air filtration 'Eco atomiser' developed by Kerrywild, which allows sterile products to stay sterile over the life

of the spray without the use of gas or chemical preservatives. Invigor 8 is the first product to be launched using this system.

LMG Fibrenyle is based at Skylon House, Ellough Industrial Estate, Beccles, Suffolk NR34 7TB - tel: 0502 713700, fax: 717906.

For further information K5 105 Call for details 0839 772268

Call on 0839 772268 or circle number K5-443

Emballage fills up fast

Over half of the stand space is already booked for Emballage 94 which takes place at the Paris-Nord Exhibition Centre on 14-19 November.

According to the organiser, over 2500 exhibitors in more than 85,000sq m of stand space will be at the show with around half being from outside France. More than 120,000 visitors are expected over the six-day event.

31st Emballage show will be bottling and point of sale. At the exhibition will be Pari Emballage - the packaging challenge, which will present a range of projects devoted to the packaging of the future. Currently, 22 institutes, colleges and universities in ten countries are working on these projects.

Participating students are interpreting fourteen working topics and in all, 211 projects will be examined, from which 45 finalists will be selected.

From these, ten overall winners will be found.

For further information on the show, contact Promotions (UK) Ltd (The Colonades, 82 Bishops Bridge Road, London W2 6BB - tel: 071-221 3660, fax: 071-992 3525).

For further information K5 103 Call for details 0839 772268

Call on 0839 772268 or circle number K5-443

It's time we did a little flag own NAMAS test station.* close to hand, also means waving. Available in 20 and 25 litre greater flexibility on quantities, delivery, support and decoration. Even in red, white and blue. If you're looking for UN certified

If you've been sending hazardous liquids abroad you may have been paying for the privilege of importing UN certified containers in the first place. .33 to .45mm tin plate, the UN But now, there's a new option Pali is also economical, safe and far closer to home. practical.

T&D Packaging is the only It's unique multi-lug, crimped Britsh manufacturer to produce on lid with polyurethane flowed. a Tin Plate Pali which meets the In gasket ensures maximum absolute integrity of UN testing via PIRA and T&D Packaging's T&D Packaging, being so

*UN Pali certified up to UN Group II (Liquids) 1.2 5.G. No: 1A2/Y/70/GB/2303.

T & D PACKAGING

Bowling House, Bowling Iron Works, Bradford BD4 8SX. Tel: 0274 728285. Fax: 0274 390731. Telex: 81435.

Call on 0839 772268 or circle number K5-440

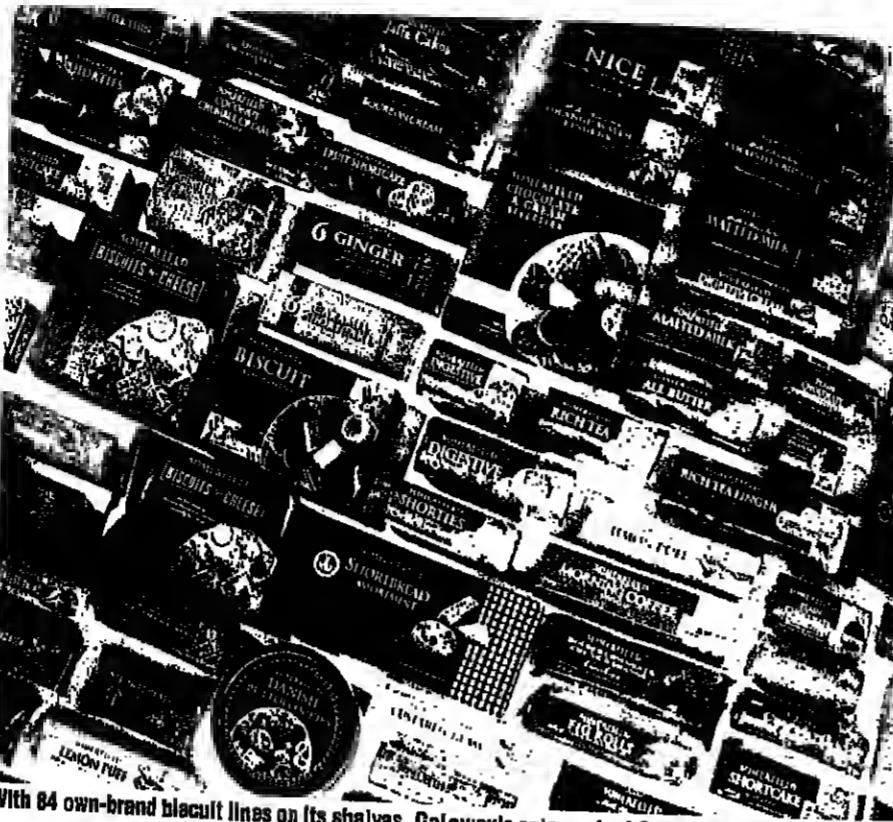
PACKAGING NEWS/MAY 1994

looking for a thermal label printing system?

26

NEWS

Consistent print quality on own-brand biscuits



With 84 own-brand biscuit lines on its shelves, Gateway's relaunch of Somerfield posed a challenge

One of packaging origination company Aaron Associates' latest projects was to ensure consistent print quality across 84 different own-brand biscuit lines, relaunched by Gateway Foodmarkets under the branded Somerfield range.

The illustration chosen by the retailer to provide a unifying image for each sub-range had to be recreated by each of the printers used by the biscuit suppliers, which offered huge potential for variations in colour, quality of print and overall shelf impact.

Aaron was given the task of providing a central reference point for the whole undertaking and, by using its reproduction facilities and print process knowledge, to ensure design integrity and consistency throughout the range.

Aaron obtained a technical print specification from each of the printers involved and then produced high quality colour separations to this tight brief ensuring variations were kept to a minimum. Any that did arise were then ironed out by the company's monitoring.

The result is a biscuit range incorporating over 80 varieties with a cohesive quality image. Paul Day, the retailer's design development controller has no doubts about the success of the project. "My prime objective, as with all our product ranges,

is to achieve print quality and consistency," he says. "For this range, the product photography was shot with a great deal of warmth to it and without

central origination would definitely have suffered 'correction' to more conventional tones."

Tailored origination packages are offered by Aaron

Original Easter carton ideas by young designers



(l to r) Gail Lea, Editor of Packaging News, Nigel Hayter and Hilary Carter of David S Smith Packaging and consultant Bob Pratty

Cadbury's Wispa. They had to be easy to assemble and fill and use a maximum of four colours.

This senior competition also asked for the design of a transit display box which would hold 12 cartons and would optimise pallet use.

Just one carton

The junior category was somewhat simpler with just one carton asked for, again to hold 12 chocolate bars about the size of a Cadbury's Wispa.

Commenting on senior winner, Katarzyna Nielecka's Chie Chue box design, the judges felt that it was very original with good background information also provided. Kirk Tweedie used the shape of a duck, rather than a chicken for his design, which the judges liked, as well as good Easter colours.

David S Smith Packaging hopes that more schools will take up the offer next year.



Plastohm uk

PACKAGING DIVISION

PLASTOHM Ltd. UNIT 2, PACEMANOR CENTRE, Brookdale, BELLBROOK IND EST, UCKFIELD, EAST SUSSEX TN22 1YA

TEL: (0825) 768812 FAX: (0825) 768780

Call on 0839 772268 or circle number K5-414

Call on 0839 772268 or circle number K5-420

Make sure you are on display at

PAKEX & PROCESS 94

THE NATIONAL PACKAGING/PROCESSING EXHIBITION
19/20 OCTOBER 94

the biggest packaging event in Ireland.

PAKEX & PROCESS IRELAND 94 now in its 13th year. The biggest packaging event in Ireland held on a biennial basis at the National Exhibition Centre, The Point-PAKEX & PROCESS IRELAND 94 will be the only Irish exhibition in 1994 that will cover all aspects of the multi-faceted packaging & food processing industry.

Act now, return this form and participate in the show that means business.

Name _____
Position _____
Company _____
Address _____

Tel: _____
To: McCann McGuirk Presentations
Greenmount House, Harold's Cross Road,
Dublin 6W, Ireland.
Tel: (4)532497/(4)532493 Fax: (4)544179

Call on 0839 772268 or circle number K5-411

Clear pvc standard trays

A range of standard trays measuring 130 x 180mm is available in varying depths and materials from Kalco Packaging Ltd.

Aimed at the small pre-packer or companies wishing to conduct trials or one-off promotions, the trays are said to be suitable for a variety of foodstuffs such as meat, fish, fruit and vegetables.

Trays can be supplied in clear pvc, off the shelf in small

quantities for these test market purposes. The minimum order is 2000 pieces, says the company (based at Unit 8, Semington Turnpike, Semington, Nr Trowbridge, Wilts BA14 6JL - tel/fax: 0380 871500).

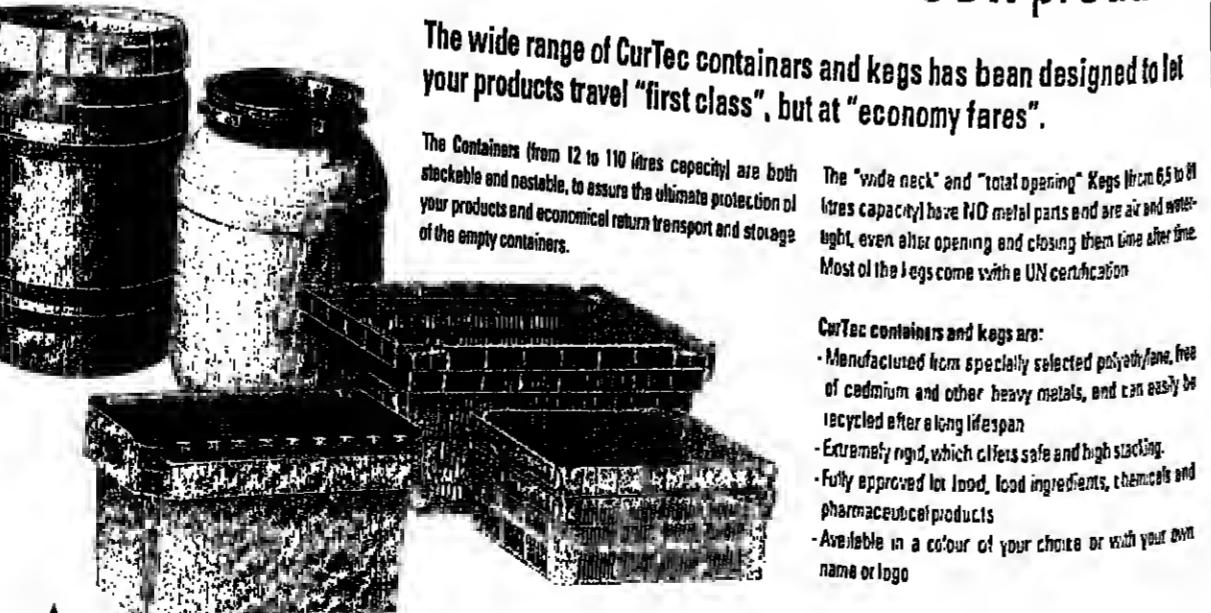
As well as this latest standard range of trays, the company says that it can also provide a bespoke service for the food and allied industries.

For further information K5 116 Call for details 0839 772268



Standard trays in clear pvc are supplied by Kalco Packaging Ltd

Here is THE transport packaging! Where is YOUR product?



To: McCann McGuirk Presentations
Greenmount House, Harold's Cross Road,
Dublin 6W, Ireland.
Tel: (4)532497/(4)532493 Fax: (4)544179

Call on 0839 772268 or circle number K5-437

PACKAGING NEWS/MAY 1994

NEWS

27

Original Easter carton ideas by young designers

Two winners were chosen from 21 finalists in the David S Smith Packaging Easter Chocolate Box Competition last month, winning £1000 worth of computer equipment for their schools.

Katarzyna Nielecka from Launceston College, Cornwall won first prize in the senior competition - 13-14 year olds - while Kirk Tweedie of Georgetown Primary School in Dumfries won the 7-8 year old junior category.

Over 500 individual and team entries were received from 15 schools, all based around David S Smith manufacturing sites throughout the country. These were then judged by David S Smith personnel to get to the 21 finalists stage.

Judging the finalists were packaging consultant Bob Pratty, Editor of *Packaging News* Gail Lea, Nigel Hayter, Director of Human Resources at David S Smith, and Hilary

Carter, the group's Human Resources Assistant.

Senior students had been set the task of designing and making a carton suitable for sale at Easter, to contain four chocolate bars similar in size to a



Milk carton fills gap between two sizes

Express Dairy has launched a 750ml carton for its milk range - a size exclusive to them - into the London area, following consumer research showed demand for a quantity which fell roughly between one and two pints.

Both full fat milk and semi-skimmed will be available in the 750ml size in gable cartons from Elopak (Rutherford Close, Meadow, Stevenage, Herts SG1 2PN - tel: 0438 748746, fax: 741324). They will be delivered in shape tins in specially designed trays which allow for easy stacking while also preventing 'leakage'.

For further information K5 119 Call for details 0839 772268

Environment exhibition opens windows of hope for a sustainable future

Last month's Environmental Technology 94 exhibition attracted nearly 9000 visitors over the three-day period, including Labour's Shadow Secretary of State for Environmental Protection, Chris Smith and environmentalist, David Bellamy.

problems obsolete as it turns them into potential for new business and clean green profit."

"Investing in Britain"

According to Chris Smith MP, "the government ought to be investing in Britain's future wealth by supporting the newly emerging environmental industries."

Further information is available from organiser, Reed Exhibition Companies (tel: 081-948 9800).

"Problems of obsolescence"

"The ET 94 exhibition opens windows of hope for a sustainable future," commented Mr Bellamy. "It makes environment

and society better for everyone and it will be a pleasure to do so."

Commenting on senior winner, Katarzyna Nielecka's Chie Chue box design, the judges felt that it was very original with good background information also provided. Kirk Tweedie used the shape of a duck, rather than a chicken for his design, which the judges liked, as well as good Easter colours.

Commenting on senior winner, Katarzyna Nielecka's Chie Chue box design, the judges felt that it was very original with good background information also provided. Kirk Tweedie used the shape of a duck, rather than a chicken for his design, which the judges liked, as well as good Easter colours.

Commenting on senior winner, Katarzyna Nielecka's Chie Chue box design, the judges felt that it was very original with good background information also provided. Kirk Tweedie used the shape of a duck, rather than a chicken for his design, which the judges liked, as well as good Easter colours.

Commenting on senior winner, Katarzyna Nielecka's Chie Chue box design, the judges felt that it was very original with good background information also provided. Kirk Tweedie used the shape of a duck, rather than a chicken for his design, which the judges liked, as well as good Easter colours.

Commenting on senior winner, Katarzyna Nielecka's Chie Chue box design, the judges felt that it was very original with good background information also provided. Kirk Tweedie used the shape of a duck, rather than a chicken for his design, which the judges liked, as well as good Easter colours.

Commenting on senior winner, Katarzyna Nielecka's Chie Chue box design, the judges felt that it was very original with good background information also provided. Kirk Tweedie used the shape of a duck, rather than a chicken for his design, which the judges liked, as well as good Easter colours.

Commenting on senior winner, Katarzyna Nielecka's Chie Chue box design, the judges felt that it was very original with good background information also provided. Kirk Tweedie used the shape of a duck, rather than a chicken for his design, which the judges liked, as well as good Easter colours.

Commenting on senior winner, Katarzyna Nielecka's Chie Chue box design, the judges felt that it was very original with good background information also provided. Kirk Tweedie used the shape of a duck, rather than a chicken for his design, which the judges liked, as well as good Easter colours.

Commenting on senior winner, Katarzyna Nielecka's Chie Chue box design, the judges felt that it was very original with good background information also provided. Kirk Tweedie used the shape of a duck, rather than a chicken for his design, which the judges liked, as well as good Easter colours.

Commenting on senior winner, Katarzyna Nielecka's Chie Chue box design, the judges felt that it was very original with good background information also provided. Kirk Tweedie used the shape of a duck, rather than a chicken for his design, which the judges liked, as well as good Easter colours.

Commenting on senior winner, Katarzyna Nielecka's Chie Chue box design, the judges felt that it was very original with good background information also provided. Kirk Tweedie used the shape of a duck, rather than a chicken for his design, which the judges liked, as well as good Easter colours.

Commenting on senior winner, Katarzyna Nielecka's Chie Chue box design, the judges felt that it was very original with good background information also provided. Kirk Tweedie used the shape of a duck, rather than a chicken for his design, which the judges liked, as well as good Easter colours.

Commenting on senior winner, Katarzyna Nielecka's Chie Chue box design, the judges felt that it was very original with good background information also provided. Kirk Tweedie used the shape of a duck, rather than a chicken for his design, which the judges liked, as well as good Easter colours.

Commenting on senior winner, Katarzyna Nielecka's Chie Chue box design, the judges felt that it was very original with good background information also provided. Kirk Tweedie used the shape of a duck, rather than a chicken for his design, which the judges liked, as well as good Easter colours.

Commenting on senior winner, Katarzyna Nielecka's Chie Chue box design, the judges felt that it was very original with good background information also provided. Kirk Tweedie used the shape of a duck, rather than a chicken for his design, which the judges liked, as well as good Easter colours.

Commenting on senior winner, Katarzyna Nielecka's Chie Chue box design, the judges felt that it was very original with good background information also provided. Kirk Tweedie used the shape of a duck, rather than a chicken for his design, which the judges liked, as well as good Easter colours.

Commenting on senior winner, Katarzyna Nielecka's Chie Chue box design, the judges felt that it was very original with good background information also provided. Kirk Tweedie used the shape of a duck, rather than a chicken for his design, which the judges liked, as well as good Easter colours.

Commenting on senior winner, Katarzyna Nielecka's Chie Chue box design, the judges felt that it was very original with good background information also provided. Kirk Tweedie used the shape of a duck, rather than a chicken for his design, which the judges liked, as well as good Easter colours.

Commenting on senior winner, Katarzyna Nielecka's Chie Chue box design, the judges felt that it was very original with good background information also provided. Kirk Tweedie used the shape of a duck, rather than a chicken for his design, which the judges liked, as well as good Easter colours.

Commenting on senior winner, Katarzyna Nielecka's Chie Chue box design, the judges felt that it was very original with good background information also provided. Kirk Tweedie used the shape of a duck, rather than a chicken for his design, which the judges liked, as well as good Easter colours.

Commenting on senior winner, Katarzyna Nielecka's Chie Chue box design, the judges felt that it was very original with good background information also provided. Kirk Tweedie used the shape of a duck, rather than a chicken for his design, which the judges liked, as well as good Easter colours.

Commenting on senior winner, Katarzyna Nielecka's Chie Chue box design, the judges felt that it was very original with good background information also provided. Kirk Tweedie used the shape of a duck, rather than a chicken for his design, which the judges liked, as well as good Easter colours.

Commenting on senior winner, Katarzyna Nielecka's Chie Chue box design, the judges felt that it was very original with good background information also provided. Kirk Tweedie used the shape of a duck, rather than a chicken for his design, which the judges liked, as well as good Easter colours.

Commenting on senior winner, Katarzyna Nielecka's Chie Chue box design, the judges felt that it was very original with good background information also provided. Kirk Tweedie used the shape of a duck, rather than a chicken for his design, which the judges liked, as well as good Easter colours.

Commenting on senior winner, Katarzyna Nielecka's Chie Chue box design, the judges felt that it was very original with good background information also provided. Kirk Tweedie used the shape of a duck, rather than a chicken for his design, which the judges liked, as well as good Easter colours.

Commenting on senior winner, Katarzyna Nielecka's Chie Chue box design, the judges felt that it was very original with good background information also provided. Kirk Tweedie used the shape of a duck, rather than a chicken for his design, which the judges liked, as well as good Easter colours.

Commenting on senior winner, Katarzyna Nielecka's Chie Chue box design, the judges felt that it was very original with good background information also provided. Kirk Tweedie used the shape of a duck, rather than a chicken for his design, which the judges liked, as well as good Easter colours.

Commenting on senior winner, Katarzyna Nielecka's Chie Chue box design, the judges felt that it was very original with good background information also provided. Kirk Tweedie used the shape of a duck, rather than a chicken for his design, which the judges liked, as well as good Easter colours.

Commenting on senior winner, Katarzyna Nielecka's Chie Chue box design, the judges felt that it was very original with good background information also provided. Kirk Tweedie used the shape of a duck, rather than a chicken for his design, which the judges liked, as well as good Easter colours.

Commenting on senior winner, Katarzyna Nielecka's Chie Chue box design, the judges felt that it was very original with good background information also provided. Kirk Tweedie used the shape of a duck, rather than a chicken for his design, which the judges liked, as well as good Easter colours.

Commenting on senior winner, Katarzyna Nielecka's Chie Chue box design, the judges felt that it was very original with good background information also provided. Kirk Tweedie used the shape of a duck, rather than a chicken for his design, which the judges liked, as well as good Easter colours.

Commenting on senior winner, Katarzyna Nielecka's Chie Chue box design, the judges felt that it was very original with good background information also provided. Kirk Tweedie used the shape of a duck, rather than a chicken for his design, which the judges liked, as well as good Easter colours.

Commenting on senior winner, Katarzyna Nielecka's Chie Chue box design, the judges felt that it was very original with good background information also provided. Kirk Tweedie used the shape of a duck, rather than a chicken for his design, which the judges liked, as well as good Easter colours.

Commenting on senior winner, Katarzyna

Polycups

TRADEMARK

WHITE
ASHWOOD
CLEAR
AS GLASS

With a near 50 per cent growth in visitor attendance on the last show two years ago, Foodex Meatex '94 goes down as a welcome success in the UK exhibition calendar.

Quality kept as numbers swell

The

show at the end of March attracted 19,890 visitors, say the organisers, including 1,265 journeying to the UK from 64 countries. There was said to have been no loss in quality, with representatives of the leading processing companies calling in at the show.

For more information

For further information **K5** Call for details
129 0839 772268

ASHWOOD

ASHWOOD TIMBER & PLASTICS LTD
Plywood House, Lavenor Road, London E14 0LN
Tel: 071-987 6461. Fax: 071-515 5050

Call on 0839 772268 or circle number **K5-404**

PACKAGING NEWS

SPECIAL READER TRIPS

PACKAGING NEWS in association with Pressplan Travel have arranged a choice of 1 & 2 night Reader Trips to

CORRUGATED '94 PARIS, 20-25 JUNE FROM £209

Inclusive of return scheduled flights, accommodation at the first class Pullman St. Jacques hotel in Paris, breakfast, hotel taxes and service charges.

For further information ring Pressplan Travel on 0727 833291 or fill in the coupon below.



P R E S S P L A N

Please send further details on the Packaging News Reader Trip to CORRUGATED '94

Company Name & Address _____

Contact Name _____

Tel No. _____

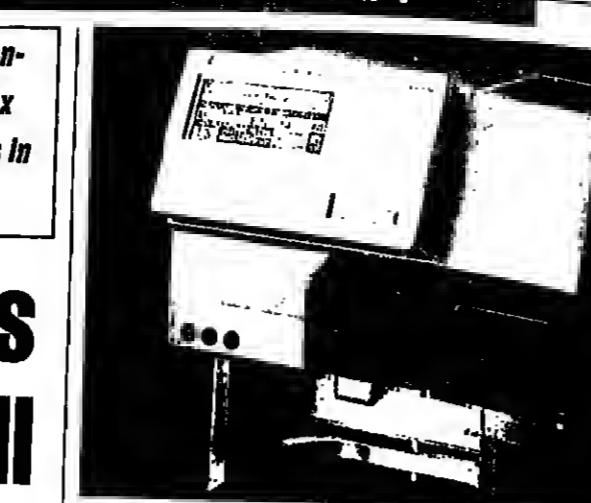
Fax No. _____

PACKAGING NEWS

Maclean Hunter Ltd., Maclean Hunter House, Chalk Lane, Cockfosters Road, Barnet, Herts. EN4 0BU

A Maclean Hunter Publication

Call on 0839 772268 or circle number **K5-451**



Herbert's twin labeler overprints on tagged and non-tagged labels.

Source tagging

A source tagging system from Esselte Meto was shown running for the first time on a label overprinting and dispensing unit from Herbert & Sons.

The tags from product security specialist Esselte Meto work on an electromagnetic system and are incorporated - invisibly, when used in the field - into a self-adhesive label. According to the company, inclusion of the sensor adds 2.5p onto the cost of each label. When used in store with EAS (electronic article surveillance) detection, the tags have a guaranteed 70 per cent detection rate.

Unlike some other systems, this tag is mass-produced, and so suitable for use with high-volume products. Esselte (354 Buckingham Ave, Slough, Berks SL1 4ND, tel: 0753 810535, fax: 810538). Among other equipment shown for the first time on the Herbert stand, was the UV2600E converger. This automatically orders the former output into single file. The UV2600 will check each barcode for legibility and reject those which do not scan. Tel: 0171 (Rockwood Way, Elverhill, Suffolk CO9 8PQ, tel: 0440 703551, fax: 62018).

The Herbert DPS2602 twin labeler will overprint weight/price and other information onto tagged and non-tagged labels in programmable ratios. For high value products, the machine can be programmed to print every third or alternate set of pack data on a tagged label. If the pack price is very high, tags can be used throughout.

"The system is not there simply to detect, but also to deter," explains Esselte mar-

ket

ing

manager Peter Alder.

Potential shoplifters must

make aware that the system is in place and realise the threat. False alarms are minimised, the characteristic "fingerprint" of the tag. This uses an amorphous alloy, given a unique signature by its 17 different metals, says Mr Alder.

Unlike some other systems, this tag is mass-produced, and so suitable for use with high-volume products. Esselte (354 Buckingham Ave, Slough, Berks SL1 4ND, tel: 0753 810535, fax: 810538).

Among other equipment shown for the first time on the Herbert stand, was the UV2600E converger. This automatically orders the former output into single file. The UV2600 will check each barcode for legibility and reject those which do not scan. Tel: 0171 (Rockwood Way, Elverhill, Suffolk CO9 8PQ, tel: 0440 703551, fax: 62018).

The Herbert DPS2602 twin labeler will overprint weight/price and other information onto tagged and non-tagged labels in programmable ratios. For high value products, the machine can be programmed to print every third or alternate set of pack data on a tagged label. If the pack price is very high, tags can be used throughout.

"The system is not there

simply to detect, but also to

deter," explains Esselte mar-

ket

ing

manager Peter Alder.

Potential shoplifters must

make aware that the system is in place and realise the threat. False alarms are minimised, the characteristic "fingerprint" of the tag. This uses an amorphous alloy, given a unique signature by its 17 different metals, says Mr Alder.

Unlike some other systems, this tag is mass-produced, and so suitable for use with high-volume products. Esselte (354 Buckingham Ave, Slough, Berks SL1 4ND, tel: 0753 810535, fax: 810538).

Among other equipment shown for the first time on the Herbert stand, was the UV2600E converger. This automatically orders the former output into single file. The UV2600 will check each barcode for legibility and reject those which do not scan. Tel: 0171 (Rockwood Way, Elverhill, Suffolk CO9 8PQ, tel: 0440 703551, fax: 62018).

The Herbert DPS2602 twin labeler will overprint weight/price and other information onto tagged and non-tagged labels in programmable ratios. For high value products, the machine can be programmed to print every third or alternate set of pack data on a tagged label. If the pack price is very high, tags can be used throughout.

"The system is not there

simply to detect, but also to

deter," explains Esselte mar-

ket

ing

manager Peter Alder.

Potential shoplifters must

make aware that the system is in place and realise the threat. False alarms are minimised, the characteristic "fingerprint" of the tag. This uses an amorphous alloy, given a unique signature by its 17 different metals, says Mr Alder.

Unlike some other systems, this tag is mass-produced, and so suitable for use with high-volume products. Esselte (354 Buckingham Ave, Slough, Berks SL1 4ND, tel: 0753 810535, fax: 810538).

Among other equipment shown for the first time on the Herbert stand, was the UV2600E converger. This automatically orders the former output into single file. The UV2600 will check each barcode for legibility and reject those which do not scan. Tel: 0171 (Rockwood Way, Elverhill, Suffolk CO9 8PQ, tel: 0440 703551, fax: 62018).

The Herbert DPS2602 twin labeler will overprint weight/price and other information onto tagged and non-tagged labels in programmable ratios. For high value products, the machine can be programmed to print every third or alternate set of pack data on a tagged label. If the pack price is very high, tags can be used throughout.

"The system is not there

simply to detect, but also to

deter," explains Esselte mar-

ket

ing

manager Peter Alder.

Potential shoplifters must

make aware that the system is in place and realise the threat. False alarms are minimised, the characteristic "fingerprint" of the tag. This uses an amorphous alloy, given a unique signature by its 17 different metals, says Mr Alder.

Unlike some other systems, this tag is mass-produced, and so suitable for use with high-volume products. Esselte (354 Buckingham Ave, Slough, Berks SL1 4ND, tel: 0753 810535, fax: 810538).

Among other equipment shown for the first time on the Herbert stand, was the UV2600E converger. This automatically orders the former output into single file. The UV2600 will check each barcode for legibility and reject those which do not scan. Tel: 0171 (Rockwood Way, Elverhill, Suffolk CO9 8PQ, tel: 0440 703551, fax: 62018).

The Herbert DPS2602 twin labeler will overprint weight/price and other information onto tagged and non-tagged labels in programmable ratios. For high value products, the machine can be programmed to print every third or alternate set of pack data on a tagged label. If the pack price is very high, tags can be used throughout.

"The system is not there

simply to detect, but also to

deter," explains Esselte mar-

ket

ing

manager Peter Alder.

Potential shoplifters must

make aware that the system is in place and realise the threat. False alarms are minimised, the characteristic "fingerprint" of the tag. This uses an amorphous alloy, given a unique signature by its 17 different metals, says Mr Alder.

Unlike some other systems, this tag is mass-produced, and so suitable for use with high-volume products. Esselte (354 Buckingham Ave, Slough, Berks SL1 4ND, tel: 0753 810535, fax: 810538).

Among other equipment shown for the first time on the Herbert stand, was the UV2600E converger. This automatically orders the former output into single file. The UV2600 will check each barcode for legibility and reject those which do not scan. Tel: 0171 (Rockwood Way, Elverhill, Suffolk CO9 8PQ, tel: 0440 703551, fax: 62018).

The Herbert DPS2602 twin labeler will overprint weight/price and other information onto tagged and non-tagged labels in programmable ratios. For high value products, the machine can be programmed to print every third or alternate set of pack data on a tagged label. If the pack price is very high, tags can be used throughout.

"The system is not there

simply to detect, but also to

deter," explains Esselte mar-

ket

ing

manager Peter Alder.

Potential shoplifters must

make aware that the system is in place and realise the threat. False alarms are minimised, the characteristic "fingerprint" of the tag. This uses an amorphous alloy, given a unique signature by its 17 different metals, says Mr Alder.

Unlike some other systems, this tag is mass-produced, and so suitable for use with high-volume products. Esselte (354 Buckingham Ave, Slough, Berks SL1 4ND, tel: 0753 810535, fax: 810538).

Among other equipment shown for the first time on the Herbert stand, was the UV2600E converger. This automatically orders the former output into single file. The UV2600 will check each barcode for legibility and reject those which do not scan. Tel: 0171 (Rockwood Way, Elverhill, Suffolk CO9 8PQ, tel: 0440 703551, fax: 62018).

The Herbert DPS2602 twin labeler will overprint weight/price and other information onto tagged and non-tagged labels in programmable ratios. For high value products, the machine can be programmed to print every third or alternate set of pack data on a tagged label. If the pack price is very high, tags can be used throughout.

"The system is not there

simply to detect, but also to

deter," explains Esselte mar-

ket

ing

manager Peter Alder.

Potential shoplifters must

make aware that the system is in place and realise the threat. False alarms are minimised, the characteristic "fingerprint" of the tag. This uses an amorphous alloy, given a unique signature by its 17 different metals, says Mr Alder.

Unlike some other systems, this tag is mass-produced, and so suitable for use with high-volume products. Esselte (354 Buckingham Ave, Slough, Berks SL1 4ND, tel: 0753 810535, fax: 810538).

Among other equipment shown for the first time on the Herbert stand, was the UV2600E converger. This automatically orders the former output into single file. The UV2600 will check each barcode for legibility and reject those which do not scan. Tel: 0171 (Rockwood Way, Elverhill, Suffolk CO9 8PQ, tel: 0440 703551, fax: 62018).

The Herbert DPS2602 twin labeler will overprint weight/price and other information onto tagged and non-tagged labels in programmable ratios. For high value products, the machine can be programmed to print every third or alternate set of pack data on a tagged label. If the pack price is very high, tags can be used throughout.

"The system is not there

simply to detect, but also to

deter," explains Esselte mar-

ket

ing

manager Peter Alder.

Potential shoplifters must

make aware that the system is in place and realise the threat. False alarms are minimised, the characteristic "fingerprint" of the tag. This uses an amorphous alloy, given a unique signature by its 17 different metals, says Mr Alder.

Unlike some other systems, this tag is mass-produced, and so suitable for use with high-volume products. Esselte (354 Buckingham Ave, Slough, Berks SL1 4ND, tel: 0753 810535, fax: 810538).

Among other equipment shown for the first time on the Herbert stand, was the UV2600E converger. This automatically orders the former output into single file. The UV2600 will check each barcode for legibility and reject those which do not scan. Tel: 0171 (Rockwood Way, Elverhill, Suffolk CO9 8PQ, tel: 0440 703551, fax: 62018).

PEOPLE



David Debell has been appointed managing director of Meco Iwema, the US subsidiary of Meco Pak ab of Sweden. Meco Iwema is an established supplier of wrap-around case packers and shrinkwrap machinery.

James (Sandy) Robertson



Gary Lasham has joined the Low & Bonar Carton division as general manager of Bonar Cereal Packaging, where he will report directly to Mr Peter Robson. Previously, he was general manager of DRG Plastics Corby, a Bowater company.

John Griffin

James Robertson is now chief executive for the Smurfit division comprising UK Corrugated Ltd and the Cundell Group. Operating out of divisional headquarters at Hatfield, Herts, he will be responsible for the 23 operating units contributing to the Smurfit Group's total corrugated production in the UK.

Dieter Kondek has been appointed worldwide head of

sales and marketing for Linotype-Hell ag, printing the board as an executive member. Mr Kondek's previous experience was with the computer hardware and software industry in Germany.

John Griffin

Liz Allen is now director of Waste Watch, the national agency for waste reduction and recycling. For the past five years she has been London regional director of the Tidy Britain Group, and replaces Jo Gordon in her present post.

Alex Brodrup has moved to the position of marketing manager at Robinson Carton Packaging. Working with commercial director Andrew Clarke, Mr Brodrup will be responsible for developing new business for the company in the food and confectionery markets.

Jacqui Kealey has been promoted to marketing manager at Lax & Shaw. Previously area sales manager, she has been with the company since 1986. She has worked with a number of Lax & Shaw's blue chip accounts and helped further its export performance.

Hazel Matthews

company, Owens Illinois Inc, United Glass's parent company, has announced that Robert Conkley will replace him. Mr Conkley ran Owens-Brockway Glass Containers from 1990 to 1993.

customer care team and a range of barcode label printers and verifiers.

Joe Bisland and Richard Val have been appointed directors of Abbot's Packaging, each with responsibility for an area of the UK.

Emma Rushforth, a graduate mechanical and electrical engineer, has been taken on by GBE Lerner-Burgess as a designer. An expert in mechatronics, she brings to the company expertise in high speed machinery design.

John Knight has retired as director of Heidelberg's southern division, and will be replaced by David Button, previously northern division director. Mr Button will be supported by Derek Gillard, now promoted to divisional manager.

The weigh-filler, with its 12 liquid filling nozzles and six capping heads, is the second Serac system to be ordered by Cussons through UK agents Engelmann and Buckham Machinery (Buckham House, Lenten Street, Alton, Hants GU34 1HH - tel: 0420 82421, fax: 89193).

NEWS

Weigh-fill for corrosive liquids



The Lime Lite range by Cussons (UK) is using Serac technology

other bathroom products at Kersal Vale.

The earlier machine was a rotary volumetric unit which is currently filling shower gel and

For further information K5 Call for details 0839 772268

GU34 1HH - tel: 0420 82421, fax: 89193.

The weigh-filler, with its 12 liquid filling nozzles and six capping heads, is the second Serac system to be ordered by Cussons through UK agents Engelmann and Buckham Machinery (Buckham House, Lenten Street, Alton, Hants GU34 1HH - tel: 0420 82421, fax: 89193).

The earlier machine was a rotary volumetric unit which is currently filling shower gel and

other bathroom products at Kersal Vale.

The weigh-filler, with its 12 liquid filling nozzles and six capping heads, is the second Serac system to be ordered by Cussons through UK agents Engelmann and Buckham Machinery (Buckham House, Lenten Street, Alton, Hants GU34 1HH - tel: 0420 82421, fax: 89193).

The earlier machine was a rotary volumetric unit which is currently filling shower gel and

other bathroom products at Kersal Vale.

The weigh-filler, with its 12 liquid filling nozzles and six capping heads, is the second Serac system to be ordered by Cussons through UK agents Engelmann and Buckham Machinery (Buckham House, Lenten Street, Alton, Hants GU34 1HH - tel: 0420 82421, fax: 89193).

The earlier machine was a rotary volumetric unit which is currently filling shower gel and

other bathroom products at Kersal Vale.

The weigh-filler, with its 12 liquid filling nozzles and six capping heads, is the second Serac system to be ordered by Cussons through UK agents Engelmann and Buckham Machinery (Buckham House, Lenten Street, Alton, Hants GU34 1HH - tel: 0420 82421, fax: 89193).

The earlier machine was a rotary volumetric unit which is currently filling shower gel and

other bathroom products at Kersal Vale.

The weigh-filler, with its 12 liquid filling nozzles and six capping heads, is the second Serac system to be ordered by Cussons through UK agents Engelmann and Buckham Machinery (Buckham House, Lenten Street, Alton, Hants GU34 1HH - tel: 0420 82421, fax: 89193).

The earlier machine was a rotary volumetric unit which is currently filling shower gel and

other bathroom products at Kersal Vale.

The weigh-filler, with its 12 liquid filling nozzles and six capping heads, is the second Serac system to be ordered by Cussons through UK agents Engelmann and Buckham Machinery (Buckham House, Lenten Street, Alton, Hants GU34 1HH - tel: 0420 82421, fax: 89193).

The earlier machine was a rotary volumetric unit which is currently filling shower gel and

other bathroom products at Kersal Vale.

The weigh-filler, with its 12 liquid filling nozzles and six capping heads, is the second Serac system to be ordered by Cussons through UK agents Engelmann and Buckham Machinery (Buckham House, Lenten Street, Alton, Hants GU34 1HH - tel: 0420 82421, fax: 89193).

The earlier machine was a rotary volumetric unit which is currently filling shower gel and

other bathroom products at Kersal Vale.

The weigh-filler, with its 12 liquid filling nozzles and six capping heads, is the second Serac system to be ordered by Cussons through UK agents Engelmann and Buckham Machinery (Buckham House, Lenten Street, Alton, Hants GU34 1HH - tel: 0420 82421, fax: 89193).

The earlier machine was a rotary volumetric unit which is currently filling shower gel and

other bathroom products at Kersal Vale.

The weigh-filler, with its 12 liquid filling nozzles and six capping heads, is the second Serac system to be ordered by Cussons through UK agents Engelmann and Buckham Machinery (Buckham House, Lenten Street, Alton, Hants GU34 1HH - tel: 0420 82421, fax: 89193).

The earlier machine was a rotary volumetric unit which is currently filling shower gel and

other bathroom products at Kersal Vale.

The weigh-filler, with its 12 liquid filling nozzles and six capping heads, is the second Serac system to be ordered by Cussons through UK agents Engelmann and Buckham Machinery (Buckham House, Lenten Street, Alton, Hants GU34 1HH - tel: 0420 82421, fax: 89193).

The earlier machine was a rotary volumetric unit which is currently filling shower gel and

other bathroom products at Kersal Vale.

The weigh-filler, with its 12 liquid filling nozzles and six capping heads, is the second Serac system to be ordered by Cussons through UK agents Engelmann and Buckham Machinery (Buckham House, Lenten Street, Alton, Hants GU34 1HH - tel: 0420 82421, fax: 89193).

The earlier machine was a rotary volumetric unit which is currently filling shower gel and

other bathroom products at Kersal Vale.

The weigh-filler, with its 12 liquid filling nozzles and six capping heads, is the second Serac system to be ordered by Cussons through UK agents Engelmann and Buckham Machinery (Buckham House, Lenten Street, Alton, Hants GU34 1HH - tel: 0420 82421, fax: 89193).

The earlier machine was a rotary volumetric unit which is currently filling shower gel and

other bathroom products at Kersal Vale.

The weigh-filler, with its 12 liquid filling nozzles and six capping heads, is the second Serac system to be ordered by Cussons through UK agents Engelmann and Buckham Machinery (Buckham House, Lenten Street, Alton, Hants GU34 1HH - tel: 0420 82421, fax: 89193).

The earlier machine was a rotary volumetric unit which is currently filling shower gel and

other bathroom products at Kersal Vale.

The weigh-filler, with its 12 liquid filling nozzles and six capping heads, is the second Serac system to be ordered by Cussons through UK agents Engelmann and Buckham Machinery (Buckham House, Lenten Street, Alton, Hants GU34 1HH - tel: 0420 82421, fax: 89193).

The earlier machine was a rotary volumetric unit which is currently filling shower gel and

other bathroom products at Kersal Vale.

The weigh-filler, with its 12 liquid filling nozzles and six capping heads, is the second Serac system to be ordered by Cussons through UK agents Engelmann and Buckham Machinery (Buckham House, Lenten Street, Alton, Hants GU34 1HH - tel: 0420 82421, fax: 89193).

The earlier machine was a rotary volumetric unit which is currently filling shower gel and

other bathroom products at Kersal Vale.

The weigh-filler, with its 12 liquid filling nozzles and six capping heads, is the second Serac system to be ordered by Cussons through UK agents Engelmann and Buckham Machinery (Buckham House, Lenten Street, Alton, Hants GU34 1HH - tel: 0420 82421, fax: 89193).

The earlier machine was a rotary volumetric unit which is currently filling shower gel and

other bathroom products at Kersal Vale.

The weigh-filler, with its 12 liquid filling nozzles and six capping heads, is the second Serac system to be ordered by Cussons through UK agents Engelmann and Buckham Machinery (Buckham House, Lenten Street, Alton, Hants GU34 1HH - tel: 0420 82421, fax: 89193).

The earlier machine was a rotary volumetric unit which is currently filling shower gel and

other bathroom products at Kersal Vale.

The weigh-filler, with its 12 liquid filling nozzles and six capping heads, is the second Serac system to be ordered by Cussons through UK agents Engelmann and Buckham Machinery (Buckham House, Lenten Street, Alton, Hants GU34 1HH - tel: 0420 82421, fax: 89193).

The earlier machine was a rotary volumetric unit which is currently filling shower gel and

other bathroom products at Kersal Vale.

The weigh-filler, with its 12 liquid filling nozzles and six capping heads, is the second Serac system to be ordered by Cussons through UK agents Engelmann and Buckham Machinery (Buckham House, Lenten Street, Alton, Hants GU34 1HH - tel: 0420 82421, fax: 89193).

The earlier machine was a rotary volumetric unit which is currently filling shower gel and

other bathroom products at Kersal Vale.

The weigh-filler, with its 12 liquid filling nozzles and six capping heads, is the second Serac system to be ordered by Cussons through UK agents Engelmann and Buckham Machinery (Buckham House, Lenten Street, Alton, Hants GU34 1HH - tel: 0420 82421, fax: 89193).

The earlier machine was a rotary volumetric unit which is currently filling shower gel and

other bathroom products at Kersal Vale.

The weigh-filler, with its 12 liquid filling nozzles and six capping heads, is the second Serac system to be ordered by Cussons through UK agents Engelmann and Buckham Machinery (Buckham House, Lenten Street, Alton, Hants GU34 1HH - tel: 0420 82421, fax: 89193).

The earlier machine was a rotary volumetric unit which is currently filling shower gel and

other bathroom products at Kersal Vale.

The weigh-filler, with its 12 liquid filling nozzles and six capping heads, is the second Serac system to be ordered by Cussons through UK agents Engelmann and Buckham Machinery (Buckham House, Lenten Street, Alton, Hants GU34 1HH - tel: 0420 82421, fax: 89193).

The earlier machine was a rotary volumetric unit which is currently filling shower gel and

other bathroom products at Kersal Vale.

The weigh-filler, with its 12 liquid filling nozzles and six capping heads, is the second Serac system to be ordered by Cussons through UK agents Engelmann and Buckham Machinery (Buckham House, Lenten Street, Alton, Hants GU34 1HH - tel: 0420 82421, fax: 89193).

The earlier machine was a rotary volumetric unit which is currently filling shower gel and

other bathroom products at Kersal Vale.

The weigh-filler, with its 12 liquid filling nozzles and six capping heads, is the second Serac system to be ordered by Cussons through UK agents Engelmann and Buckham Machinery (Buckham House, Lenten Street, Alton, Hants GU34 1HH - tel: 0420 82421, fax: 89193).

The earlier machine was a rotary volumetric unit which is currently filling shower gel and

other bathroom products at Kersal Vale.

The weigh-filler, with its 12 liquid filling nozzles and six capping heads, is the second Serac system to be ordered by Cussons through UK agents Engelmann and Buckham Machinery (Buckham House, Lenten Street, Alton, Hants GU34 1HH - tel: 0420 82421, fax: 89193).

The earlier machine was a rotary volumetric unit which is currently filling shower gel and

other bathroom products at Kersal Vale.

The weigh-filler, with its 12 liquid filling nozzles and six capping heads, is the second Serac system to be ordered by Cussons through UK agents Engelmann and Buckham Machinery (Buckham House, Lenten Street, Alton, Hants GU34 1HH - tel: 0420 82421, fax: 89193).

The earlier machine was a rotary volumetric unit which is currently filling shower gel and

other bathroom products at Kersal Vale.

The weigh-filler, with its 12 liquid filling nozzles and six capping heads, is the second Serac system to be ordered by Cussons through UK agents Engelmann and Buckham Machinery (Buckham House, Lenten Street, Alton, Hants GU34 1HH - tel: 0420 82421, fax: 89193).

The earlier machine was a rotary volumetric unit which is currently filling shower gel and

other bathroom products at Kersal Vale.

The weigh-filler, with its 12 liquid filling nozzles and six capping heads, is the second Serac system to be ordered by Cussons through UK agents Engelmann and Buckham Machinery (Buckham House, Lenten Street, Alton, Hants GU34 1HH - tel: 0420 82421, fax: 89193).

The earlier machine was a rotary volumetric unit which is currently filling shower gel and

other bathroom products at Kersal Vale.

The weigh-filler, with its 12 liquid filling nozzles and six capping heads, is the second Serac system to be ordered by Cussons through UK agents Engelmann and Buckham Machinery (Buckham House, Lenten Street, Alton, Hants GU34 1HH - tel: 0420 8



STRIPEY TOOTHPASTE FOR FIRST TIME! 1960

As PN entered the so-called 'swinging sixties', packaging developments were becoming more closely aligned with brand development. Notable firsts included the launch of Fairy Liquid and red-striped Signal toothpaste. Gail Lea reports.

D& W Gibbs Ltd launched its patented, red-striped Signal toothpaste in January 1960 following the products' success in the US. In what PN described as an interesting technical application, the striped effect was achieved by an injection moulded, polyethylene insert fitting tightly within the metal shoulder and nozzle.

This insert had five channels, each of which was filled separately with the red anti-septic mouthwash and toothpaste formulation of which the stripes were comprised. The



FAIRY LIQUID WAS LAUNCHED IN 1960: THE PRODUCT IS SHOWN HERE WITH A SAMPLE PACK

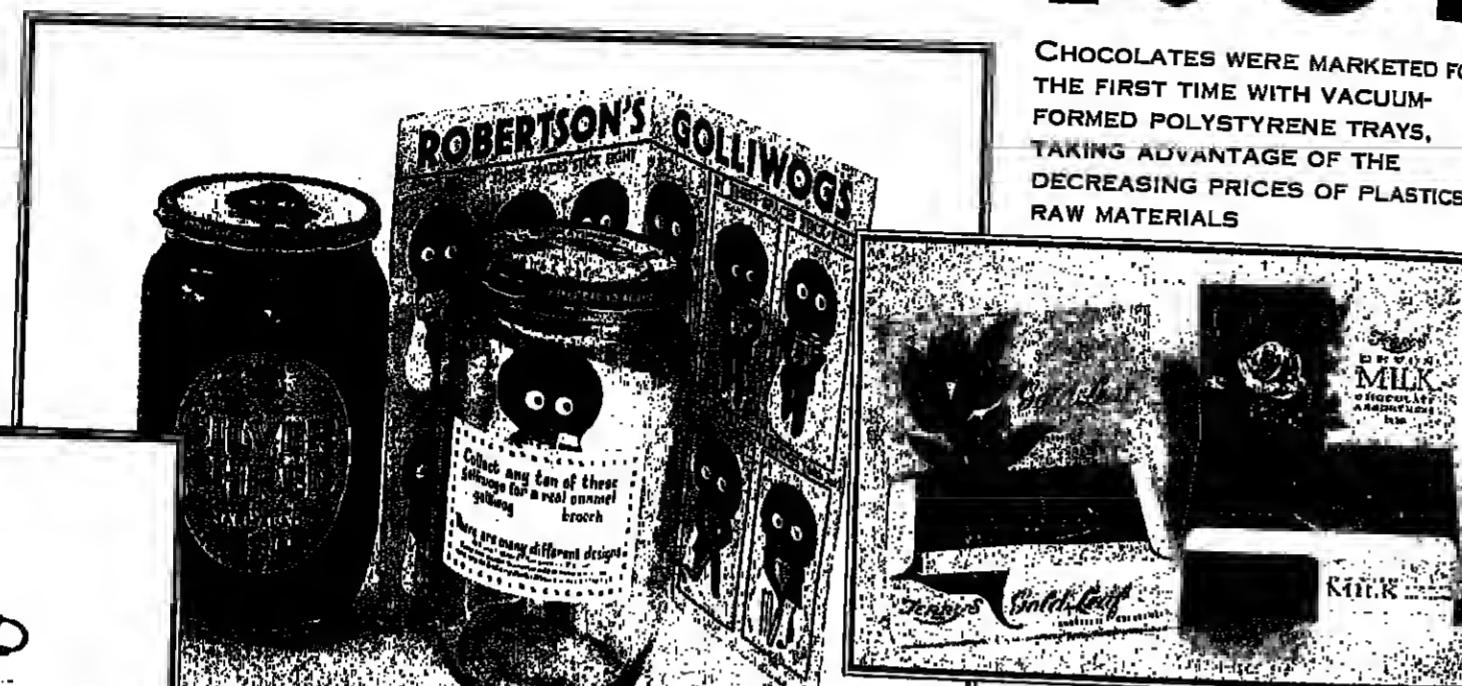
white toothpaste was filled on standard equipment in the ordinary way.

All of this was achieved on what appeared to be an ordinary collapsible metal tube which sported a standard precision moulded, 'flower-pot' style cap.

In 1960 too came the launch of Fairy Liquid, shown in the photograph with a sample pack, and in April of the same year, PN reported on the extra-strong handle used for a carry-home carton for six bottles of Coca-Cola.

The handle, often the weakest point on bottle carriers, is supported by several plies of board to ensure that it can take the considerable force of a six-bottle carton.

PATENTED, RED-STRIPED SIGNAL TOOTHPASTE WAS LAUNCHED IN JANUARY 1960



JAMES ROBERTSON & SONS WANTED TO SEND OUT THE PAPER GOLLIE WOGG THAT WAS GIVEN AWAY WITH EACH JAR OF ITS GOLDEN SHRED PRESERVES AS A LOOSE INSERT

able weight of six full bottles, said PN.

In July 1961, the lead story proclaimed that vacuum-formed plastics trays - with wide potential uses in the confectionery trade - were now an economic proposition.

The article featured many packaging companies that were working on the development of cost-effective trays for the market and also highlighted test marketing propositions.

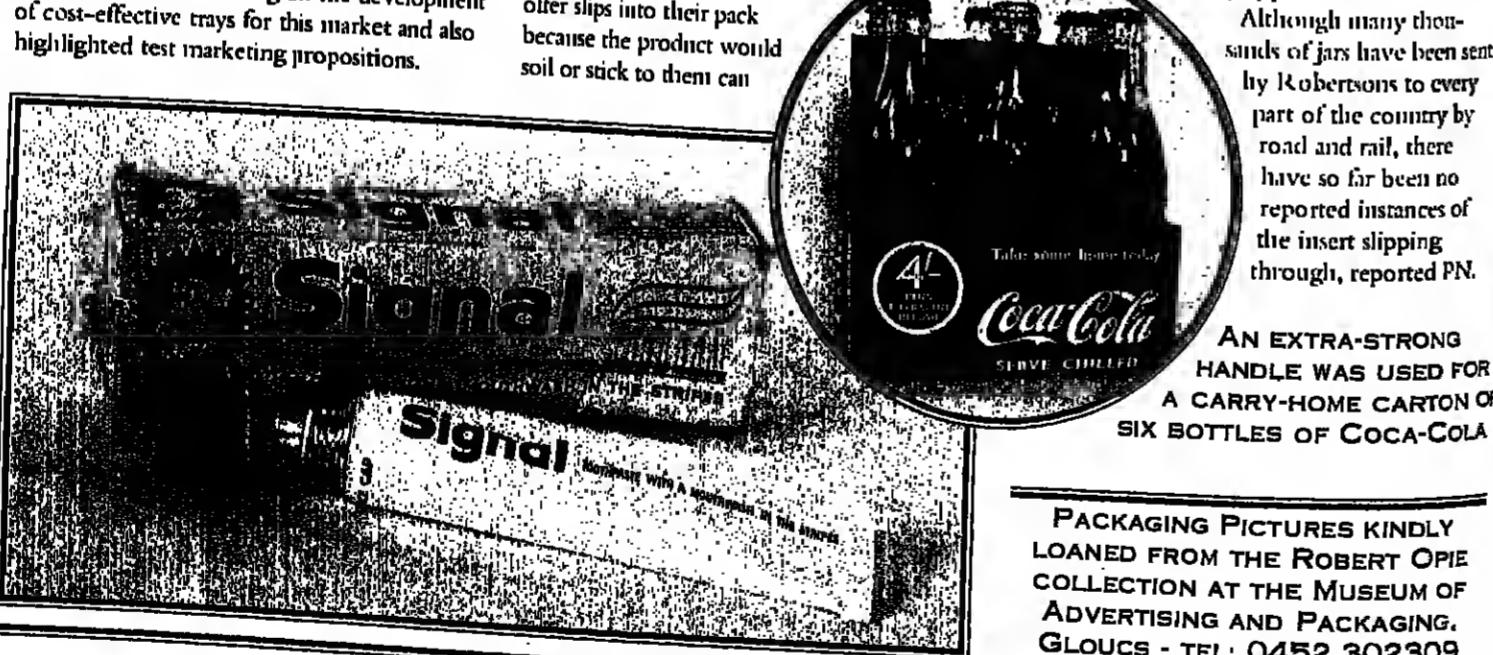
We also reported that Rowntree & Co Ltd were test marketing its Dairy Box pack with vacuum-formed polystyrene trays instead of the usual crimped paper, in Scotland.

The resulting machine ran at speeds of 140 a minute and, instead of gluing the full surface of the label beneath which the loose insert was to be placed, it strip-glued down each vertical edge. There was nothing to prevent the insert from slipping right through except the fractional grip secured by the tightly applied label.

Although many thousands of jars have been sent by Robertsons to every part of the country by road and rail, there have so far been no reported instances of the insert slipping through, reported PN.

AN EXTRA-STRONG HANDLE WAS USED FOR A CARRY-HOME CARTON OF SIX BOTTLES OF COCA-COLA

PACKAGING PICTURES KINDLY LOANED FROM THE ROBERT OPIE COLLECTION AT THE MUSEUM OF ADVERTISING AND PACKAGING, GLOUCS - TEL: 0452 302309



WORDSWORTH CASH

WILL CONVERT YOUR WORDS INTO CASH

Phone Jackie Skeel
081 242 3156

Congratulations to

Sussex and Berkshire Machinery Co Ltd

on attainment of BS 5750

Part 1: 1987 ISO 9001 EN 29001

from

ADAM HARVEY GROUP PLC
Sales, Marketing & Distribution

COMAS
Liquid Filling, Plugging, Capping Equipment

KAY O'NEILL LTD
International Freight Forwarders

'PAKEX '95'
Exhibition Organisers

AKZO NOBEL PLC
Paint Manufacturer

ELPO
Aseptic Liquid Dairy Products, Bag Filling Machines

LANGGUTH
Wet Glue and Hot Melt Labelling Systems

PARISH AUTOMATION PLC
Vision Inspection Systems

ALTON BOLT & TOOL CO LTD
Suppliers of Tools and Fastenings to all trades

ETIPACK
Self adhesive Labelling Systems including Product Handling and Printing Machinery

LEO LABORATORIES LTD
Pharmaceutical Manufacturer

PPMA LTD
Process & Packaging Machinery Association

AUTOGYLM PRODUCTS LIMITED
Manufacturers of Car Polishes

MAF
Shrink/Stretch Wrapping Machinery, Tray Erecting/ Loading, Display Tray Packing

PROTEO 3000
Washing & Sterilisation Pharmaceutical Glassware

AVANDERO (UK) LTD
International Shipping & Forwarding Agents

EVANS MEDICAL LTD
Pharmaceutical Manufacturer

MILLER COMPUTING SERVICES
Computer Suppliers & Software Specialists in the Packaging Industry

AVON COSMETICS LTD
Toiletry Manufacturer

FARLEY HEALTH PRODUCTS
Health/Food Manufacturer

McCRAE CONSULTANTS LTD
Quality Assurance Consultants who assisted Sussex & Berkshire to attain BS 5750

BARRIE WESTON TRANSPORT
Transport of Machinery

FORM FILL SEAL LTD
Contract Packers

RIMMEL CHICAGO
Toiletry Manufacturer

BENCO
Thermoform Fill Seal Machines for Dairy and Food Products - aseptic and non-aseptic

FREWITT
Powder Granulating and Compacting Equipment for the pharmaceutical and allied industries

ROGER TARRY GUARDING
Machine Guarding

BILLET ASSOCIATES
Design & Marketing

GALEN LTD
Pharmaceutical Manufacturer

ROLTECH
Paper Manufacturer

BOATO PACK
Vertical Sachet Machines for Liquids, Powders, Granulated Products and Tissues

NASH ENGINEERING
Precision Engineering Parts

SAUNDERS SPECIALISED
SERVICES LTD
Building Services Engineers

BORDON TOOL & FASTENERS LIMITED
Suppliers of Hand and Cutting Tools

NATIONAL WESTMINSTER
BANK PLC
Guildford

SCOTT LTD
Paper Products

BRONZONT
Product Handling & Palletisation Equipment

SHAW & CROFT
Solicitors

SIDEL
High speed liquid filling

BRYDEN JOHNSON & CO
Chartered Accountants

STARION INTERNATIONAL LTD
Cosmetics Manufacturer

TECHNIGRAPHIC SYSTEMS LTD
Machinery Training Systems

C BOWER & COMPANY
Insurance Brokers

THE INSTITUTE OF PACKAGING

UNIPACK LIMITED
Contract Pharmaceutical Services

CABOT SAFETY LTD
Safety Products

OPTIMA
Checkweighers, Powder Filling, Bag Filling and Wrapping Machinery

WEB TECHNIQUES
Label Counting

CHILTERN HILLS PURE
MINERAL WATER
Producers Of Bottled
Mineral Water

WHITE KNIGHT PRODUCTS LTD
Compact Disc Packaging

JOHN WILMAN LIMITED
Wallpaper Manufacturer

COLGATE-PALMOLIVE LIMITED
Toiletry Manufacturers

WRAFTON LABORATORIES
Contract Packer Of Toiletry Products

WYETH MANUFACTURING UK
Pharmaceutical Manufacturer

COLGATE-PALMOLIVE LIMITED
Toiletry Manufacturers

PACKAGING NEWS

ORAL B LABORATORIES
(IRELAND)
Toiletry Manufacturer

PACKAGING NEWS

INNOVA
Syringe & Sterile Liquid Machines

OZAF
Bottle Unscramblers and Vibratory Bowl Feed Systems

PACKAGING NEWS

IWKA
Tube Filling, Blister Packaging & Carton Machines

PACKAGING NEWS

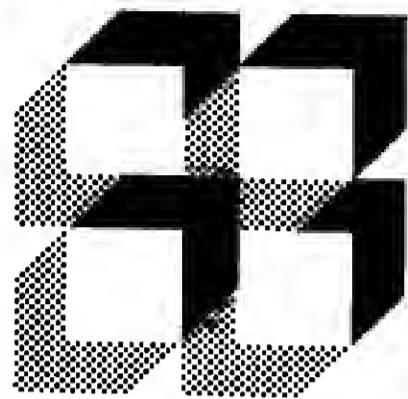
SUSSEX & BERKSHIRE MACHINERY CO LTD
PROCESSING AND PACKAGING MACHINERY

PACKAGING NEWS

SPECIAL READER TRIPS

PACKAGING NEWS in association with Preasplan Travel have arranged a selection of Special Reader Trips to

PaPro 94



DUSSELDORF, 25-31 MAY
FROM £294

DEPARTURES FROM BOTH
STANSTED & HEATHROW AIRPORTS

Inclusive of return scheduled flights, accommodation with breakfast at a choice of centrally located hotels, all applicable airport taxes and hotel service charges.

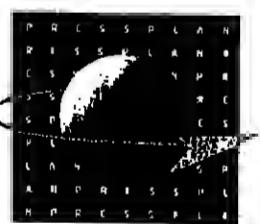
PLUS

"EXECUTIVE EXPRESS"
Special One Day Visits

DEPARTING STANSTED ON
Wednesday 25th and Monday 30th May

ONLY £179

For further information ring
Preasplan Travel on 0727 833291 or
fill in the coupon below.



Please send further information on the Packaging News
Reader Trips to Pa Pro 94

Company Name & Address _____

Name _____

Telex No. _____

Fax No. _____

PACKAGING NEWS

Maclean Hunter Ltd., Maclean Hunter House,
Chalk Lane, Cockfosters Road, Barnet, Herts. EN4 0BU

A Maclean Hunter Publication

Call on 0839 772268 or circle number K5-417

COMPANY NEWS

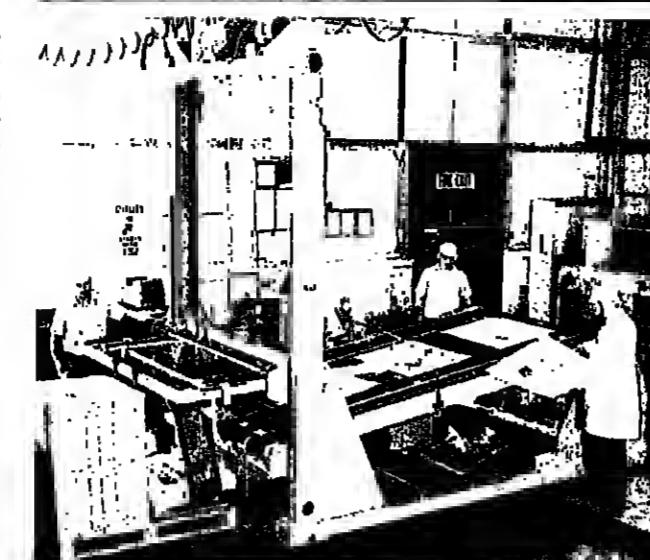
Modul Plastics Europe has relocated the company's management, marketing and sales, finance, logistics and employee relations departments to new offices in Luxembourg City from its original site at the production facility in Virton, Belgium. The move to new premises (1a-1b Rue Thomas Edison, L-1445 Luxembourg, G-10 de Luxembourg - tel: +352 45102 2211, fax: +352 45102 2424), is to improve service to customers worldwide and to better centralise communications with the four production facilities. The move will not affect the present invoicing procedure.

PLM has sold its metal packaging operation at Odense, Denmark and Lysakil, Sweden to Danish company Blud & Maretrend, although it will retain a 20 per cent share holding in the new company. PLM's ceo, Rolf Borjaeon comments: "The sale concurs with PLM's overall strategy to concentrate its operations in metal, glass and plastics packaging for the European beverage industry; a strategy that was confirmed recently when we announced the acquisition of the Austrian beverage can manufacturer Austria Dosen."

Aireo Coating Technology, a division of the BOC Group Inc, has agreed in principle to purchase the Plasma Science Division of Himont Advanced Materials from Himont USA. The acquisition represents an expansion of Aireo's current plasma business.

Esswall nv and RCO (the corrugating subsidiary of the La Rochette group) have created a joint venture company called Escor which, from its Perie base, will service the emerging needs of Eurocustomers - those who wish to coordinate the buying of corrugated for their multiple sites throughout Europe. The Escor network will consist of 18 corrugating plants in six European countries.

Nippon Oohsai has signed a letter of intent with the DuPont company to purchase DuPont's



A management team lead by Frank Hayes, a past chairman of Bowater Packaging, has acquired carton manufacturer, Thomas Waide & Sons Ltd from privately-owned Brand Packaging Holdings Ltd. The £2.5 million deal has been financed by Gresham Trust, the London investment capital house. Mr Hayes will become the non-executive chairman while the three executive directors are Derek Burberry, Leslie Scull and Steve Parker.

ICT has installed a 4-cavity

injection moulding machine from Husky in its Wilton Centre's Mailmer Machine Hall to further develop new grades of material and gain quicker introduction into the marketplace.

Corby Coriou Packaging, the Corby based solid fibreboard subsidiary of Dutch multi-national KNP BT has gained ISO 9001, BS 5750 Part 1, the award covering both production and design.

Storey Evans (0532 502323) has won a quality award for its performance in the supply of

peppermaking, Smith Anderson has gained BS 7550 at its Blairgowrie plant, one of its four production sites which use high percentages of recycled waste in both its paper and polythene products.

BPB Paperboard Sales, which manages the sales of paperboard products produced by the group's four production units: BPB Davistown, BPB Purfleet, BPB Radcliffe and BPB De Beuldracht, has opened new offices in Radcliffe, North Manchester.

Barcode Systems (081-548 0909) has a new bureau services team to respond to urgent demand for bar code labels. Assistance on all aspects of barcoding as well as supplies of preprinted, self adhesive labels can now be dispatched within 24 hours of an order being received, says the company.

cartons in record time from Ilford, manufacturer of black and white photographic film. Ilford has experienced no production stoppages as a result of Storey Evans' materials - said to be one of the key aims of the programme.

Ilford, manufacturer of black

and white photographic film.

Ilford has experienced no

production stoppages as a result

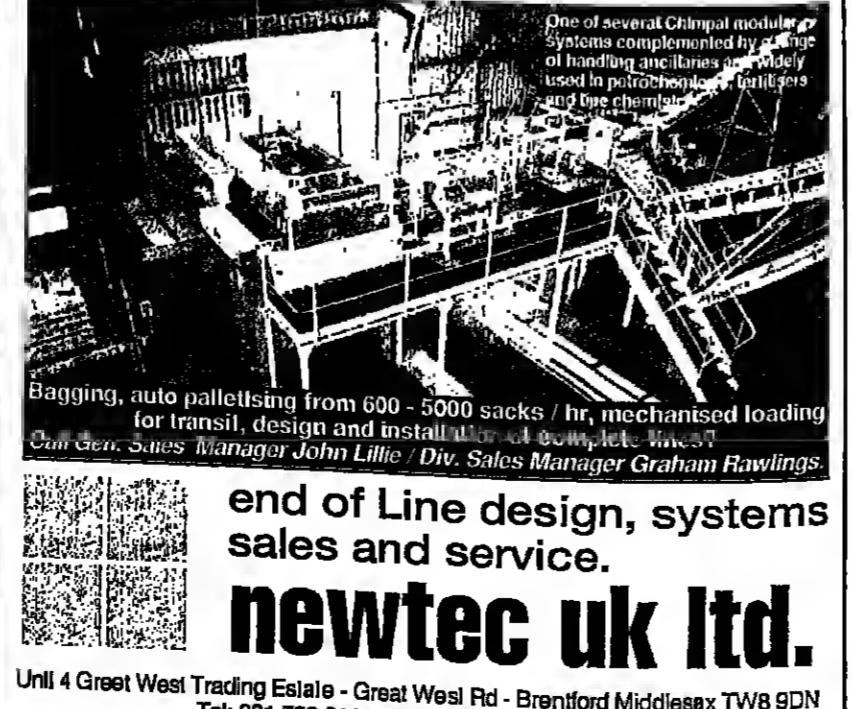
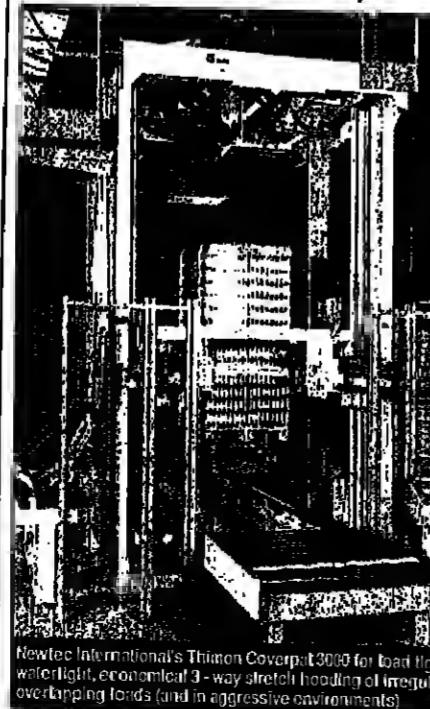
of Storey Evans' materials -

said to be one of the key aims

of the programme.

SACK PALLETISING

Newtec International companies manufacture machines and systems for the specific palletising needs of Agro, Building, Cement, Chemical and Food Industries, (FTH Mulhouse alone, achieving more than 600 installations worldwide).



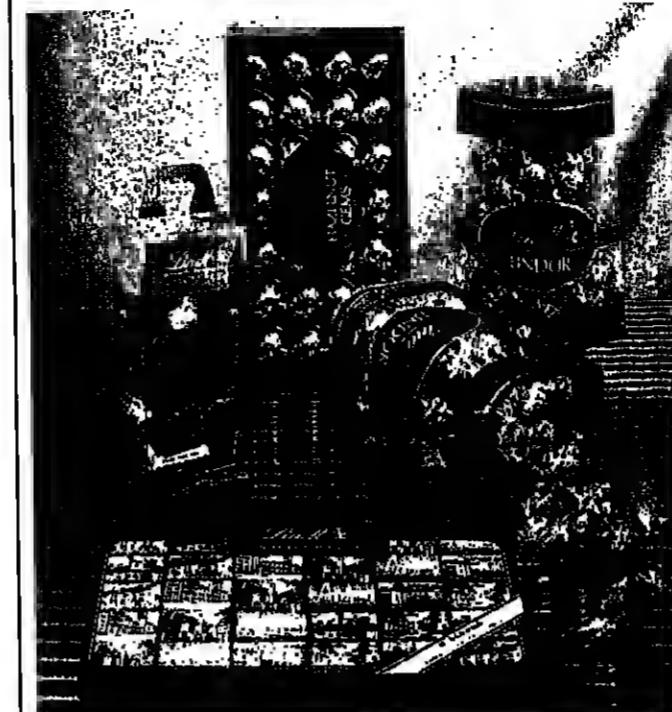
end of Line design, systems sales and service.
newtec uk ltd.

Unit 4 Great West Trading Estate - Great West Rd - Brentford Middlesex TW8 9DN
Tel: 081 758 9000. Fax: 081 847 3613/0877

Call on 0838 772268 or circle number K5-418

PACKAGING NEWS/MAY 1994

Luxury Swiss chocolates go into petg boxes



Lindt & Sprungli chocolates in petg boxes: reponsible approach

Swiss confectioner Lindt & Sprungli has just introduced two of its chocolate products in petg boxes, a move in line with its objectives to switch to an environmentally responsible material capable of being recycled where facilities exist.

Lindor chocolates are now packed in a 500gm box and Hazelnut Gems in a 265gm box, both made from Kodar petg copolyester supplied by Eastman Chemical Company (UK): Brindley House, Corner Hall, Lawn Lane, Hemel Hempstead, Herts HP3 9YT - tel: 0442 241171, fax: 241177.

This resin is easy to process and to thermoform, offers good barrier properties, readily accepts printing, and can be sealed by ultrasonic welding or solvents, according to convert-

er Staeger & Co (Luzernstrasse, 5630 Muri, Switzerland - tel: +41 57451200, fax: +41 57445247).

Staeger markets its sheet under the Villper trademark and is the only supplier of the Kodar petg material in this form in Europe. For this confectionery application, Staeger extrudes sheets of between 0.2 and 0.4mm thick. The sheet is then printed, cut into the appropriate size and welded ultrasonically into the final chocolate box shapes.

EARLSMERE LTD
For further information K5-109 Call for details 0838 772268

STAEGER
For further information K5-109 Call for details 0838 772268

NEWS

Portable inkjet move

Peter Black Cosmetics has installed two Elite portable inkjet printers from Cueprint Ltd, to replace hand coding of date and batch codes on its range of skincare products produced for a UK retailer.

The move follows the upgrading of the company's entire production line which has led to higher throughput of finished, packaged product.

"With the speeds now being achieved on the line, hand coding was no longer a feasible method," explains Andrew Morimer, production manager at Peter Black Cosmetics. "We were looking for a flexible system, and the Elite offered us the most cost effective solution."

In particular, says Mr Morimer, the Elite system - where the print head, circuitry and control panel are all contained in the one module - makes the machine totally portable and flexible and therefore easy to move to where it is needed at any particular time.

Set up is easy to understand and operate and the use of ink cartridges reduces mess and allows fast changeover with minimum downtime, says Cueprint (Compton Place, Surrey GU15 3DX - tel: 0276 691730, fax: 686945).

For further information K5-110 Call for details 0838 772268

Cueprint's Elite portable inkjet printer at Peter Black Cosmetics



NEED "ON DEMAND" BAR CODE LABELS?

E.I.D. Systems Ltd

HAVE THE TOTAL SOLUTION TO YOUR LABELLING NEEDS

- Thermal or Thermal Transfer Printers
- Labels (Plain or Printed)
- Thermal Ribbons (Tec, Zebra, Sato etc)
- Data - Capture
- Hand Held Applicators
- Software
- Free Survey

See us at: ICAP Expo '94
stand No. G19 at the NEC
on the 21st/23rd June '94

TEL: 0226 204096

FAX: 0226 244169

Call on 0838 772268 or circle number K5-442

NO BULL...

just quality labels at competitive prices on time EVERY TIME.

Interested? Contact us now.

Competitiveness, flexibility and promptness are nothing without a quality product, and that's where OPM can confidently assure you of the best.

Overprint Machines (U.K.) Ltd,
Speedprint House, Lafford
Road, Cross Roads,
Keighley, West Yorkshire,
BD22 9DL.
Tel: 0535 642528.
Fax: 0535 643098



Call on 0838 772268 or circle number K5-442



Call on 0838 772268 or circle number K5-442

LEAK DETECTION



Are Your MAP or Blister Packs Leak Tight?

Assure your quality with the Qualipak range designed for monitoring seal integrity

- Pharmaceuticals, Food and Medical applications
- Non-destructive - saves money
- Clean, fast and repeatable
- Automatic identification of reject packs
- Report capability
- First rate after sales and technical support

Consult Pauline Perring for further information on 0223 834420

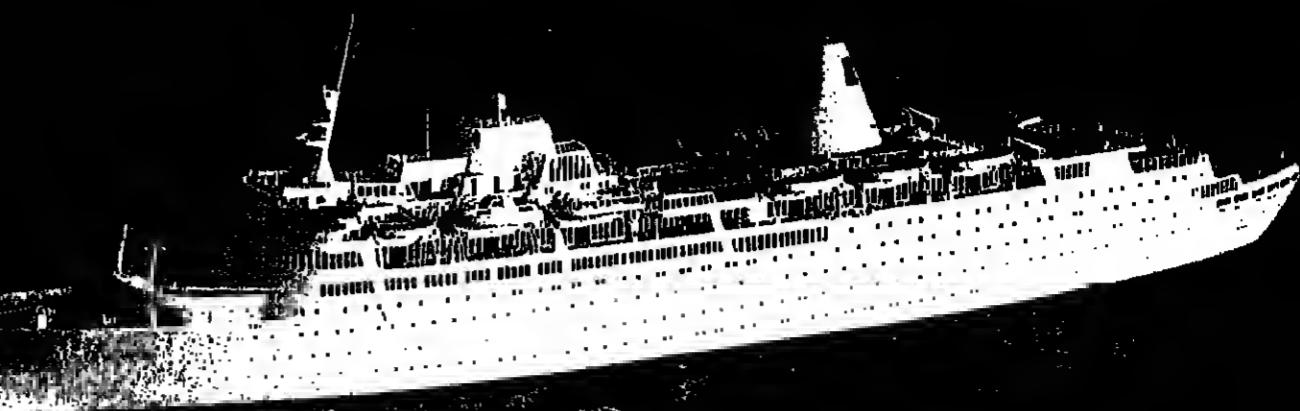
sensitive solutions

Call on 0838 772268 or circle number K5-419

PACKAGING NEWS/MAY 1994

“The priority for us is:
number one **innovation**,
number two **innovation**
and number three
innovation.”

Sir Michael Perry,
Chairman,
Unilever



Like Sir Michael Perry almost all of the 300 key buyers who will be attending **packaging focus'94** (on board the P&O ship Sea Princess, 22-25 September 1994) have innovation firmly at the top of their agenda.

Jointly responsible for over £3 billion of packaging spend annually, these senior decision makers will be investing two days and three nights to keep up to date with key industry developments. Innovation, together with packaging price trends, will be two of the vital issues that will be discussed by delegates as part of the conference, at pre-arranged one-to-one meetings with suppliers, in think tanks and with fellow participants.

This Event, which allows the most concentrated opportunity this year for key packaging decision makers to make valuable contacts, exchange ideas and focus on the strategic direction their businesses are taking, is in itself a major innovation.

If you would like to know more about how **packaging focus'94** can contribute to your business success, please either return the coupon or call Julian Gorst or John McKee now on 081-332 2422.



packaging focus'94
22-25 September Sea Princess

I would like further details about attending **packaging focus'94** as a delegate.

I would like further details about exhibiting at **packaging focus'94**.

Name _____ Position _____

Company _____

Address _____

Tel: _____ Fax: _____

Please return to: Julian Gorst, **packaging focus'94**, London House, 243-253 Lower Mortlake Road, Richmond, Surrey TW9 2LS or fax it to **packaging focus'94** on 081 332 0939.

Call on 0839 772268 or circle number **K5-478**

Labelling system permits bespoke petfood service

A major petfood manufacturer is now supplying its customers with bespoke packaging at little extra premium following the installation of a self adhesive labelling system from Herma Labelling Systems.

As well as meeting customer needs, the use of plain film has reduced stock holdings and associated costs.

Previously, the meat and fish based products were packed in preprinted tubular film material, sealed at each end with a metal closure. Own-brand demands from overseas customers, as well as the need to provide variable information such as 'use by' dates, led to the search for an alternative method of pack decoration.

The unfilled film can

not be prelabelled, so a method to apply the 100 x 150mm labels onto the awkwardly shaped cylindrical packs was devised by Herma (Holland's Road, Haverhill, Suffolk CB9 8PK - tel: 040 63366, fax: 706834).

Products are now manually loaded onto a specially adapted conveyor and indexed to the labelling station. The label is initially applied to the product in motion, while at a second station a Herma roller design wraps the label around half of the product's diameter at a speed of up to 45 a minute. Throughput speed is largely dictated by the operator loading rates, says the company.

Operating at speeds up to 65 packs a minute, the machine is fed with flat, die-cut and creased blanks measuring 178 x 525mm. After ploughing the blank through a former to produce a U-shape, the machine uses a paddle wheel and gripper system to fold over one half of the board to form a sleeve, securing the side flap with hot melt adhesive.

This sleeve is an aperture to receive the food tray, which is then loaded vertically and pressed into place.

From chocolate bars and sausages to frozen foods, syringes, pills, sachets and industrial parts, Hoppmann sorts them out.

One-piece carton gives microwavable benefits

Laminate plastics trays of shelf stable microwavable ready meals are now being packed into a novel, one-piece combined board sleeve and resealable splash lid by a wraparound carton system, devised by GBE Lerner-Burgess for a major Irish food manufacturer.

The result is a microwave pack that can be opened to allow the lidding film to be removed from the food tray and then closed to prevent splashes during cooking.

Operating at speeds up to 65 packs a minute, the machine is fed with flat, die-cut and creased blanks measuring 178 x 525mm. After ploughing the blank through a former to produce a U-shape, the machine uses a paddle wheel and gripper system to fold over one half of the board to form a sleeve, securing the side flap with hot melt adhesive.

This sleeve is an aperture to receive the food tray, which is then loaded vertically and pressed into place.

The design of the pack poses two particular problems at this stage in the packaging operation, as Bob Morley, director and general manager at GBE Lerner-Burgess, explains:

"First, the side flap of the sleeve section has to be brought into place and glued against a blind surface which rules out conventional wrap-

around tray mechanisms. Second, the food trays are heavy, rectangular, and sit tightly within the aperture, demanding high accuracy orientation to prevent damaging the board.

"For this reason the machine employs an entirely mechanical action, with no pneumatics."

After the trays are loaded,

Stretchwrapper handles large but light loads

An enormous custom built stretchwrapper has been installed by United Packaging plc in the Styrofoam plant of Dow Chemical Co Ltd to secure the very large, but light loads the plant produces.

The unit has been installed for Dow's Styrofoam Plant range of extruded insulation products which is produced in a variety of densities and sizes. Individual boards are packed into shrinkwrapped bundles and stacked on pallets measur-

ing 2.4 x 2.5m, with loads measuring up to 3.1m high.

To cope with loads of this size, United built a special Pal Rapper 3000 fully programmable stretchwrapper with a 3.5m diameter turntable and a tower 3.7m high. It is equipped with an Opti-Miser PPS power pre-stretch system and a loading ramp from the company (Dewsbury Road, Cleckheaton, W Yorks BD19 5BQ - tel: 0274 862616, fax: 851020).

Palletised loads are stretch-

Every machinery order placed usually involves some kind of customisation to fulfil specific customer requirements. These bespoke features can range from the sublime to the ridiculous and in the next ten pages, we highlight just some of the most recent tasks fulfilled by machine builders.

the lid section is folded over by a further paddle wheel, and four spots of adhesive are applied to the flap, which is then ploughed into position.

The four spots of adhesive provide security for tamper evidence, but allow the lid to be opened easily and then resealed for cooking using a tab lock, says the company (Fleming Road, Hinckley, Leics LE10 3DU - tel: 0455 613888, fax: 618538). The machine operates at 65 packs a minute.

Once a pre-programmed

Lubricant oil blend system extracts and mixes cleanly

A lubricant oil decanting and blending system from Masterfil has been designed, with the specific needs of the industry in mind, for clean and accurate extraction and mixing of costly and viscous additives.

Developed for a customer in the industry, the system uses weighing technology and a decanting lance to draw out the correct quantities of additives from steel drums. An integral lance cleaning system ensures there is no cross-contamination between products.

A load cell under a roller conveyor weighs each of the 200 litre drums before extraction begins, and the drum is tilted slightly. The lance, which can sense the level of liquid inside the container, dives to just below the surface, preventing excessive contamination of the lance.

If the required amount of additive has to be extracted from more than one drum, the weighing software will memorise the amount taken and the balance required.

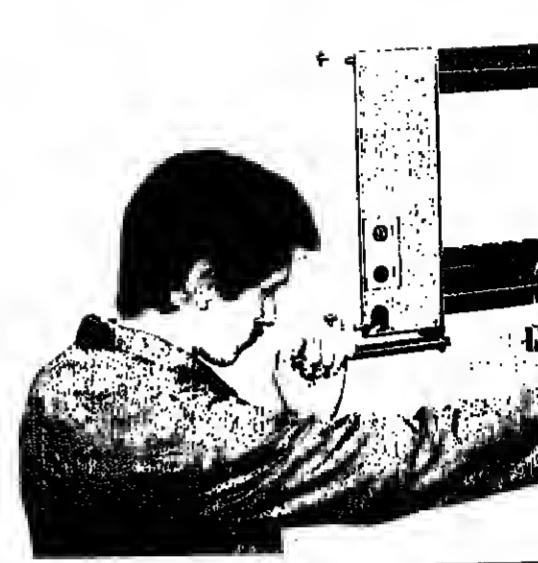
An additional function of the lance is to help in cleaning

the additive from the drums once as much of the product as possible has been removed. The lance can switch to spray mode, using the hot base oil to clean the drum walls, says Masterfil (17 Farmborough Close, Stocklake, Aylesbury, Bucks HP20 1DQ - tel: 0296 25001, fax: 25002).

By cleaning the container at this stage, the user facilitates safe disposal or reconditioning. Afterwards, the nozzle reverts to decant mode to pump the last of the contents into the blend.

The same system - where contact parts use 316 grade stainless steel - can be adapted for use in the food and chemical industries, says Masterfil, where similar accurate blending from bulk containers is required.

For further information K5 141 Call for details 0839 772288



The decanting lance enters the drum to pump a measured amount of additive into the blend of base oil

GENTLE, PRECISE FEEDING. AT THE SPEED YOU NEED.



Hoppmann non vibratory bowl feeders are the high speed solution to parts and product feeding. The secret of their success is in the quality design and smooth gentle action.

HOPPMANN CENTRIFUGAL FEEDERS



81 Lord Road, Worcester, WR3 8BL, UK. Tel: 0905 454592

TAKE ONE OUT FOR A SPIN.

CALL FOR DETAILS
0905 454598

Call on 0839 772268 or circle number K5-462

**24 HOURS A DAY
7 DAYS A WEEK!**
**For efficient,
fast response put
your vacancies on the**

JOB FAX LINE PACKAGING NEWS

To make sure your job vacancies reach the right applicant quickly and gain the maximum response put your vacancies on the Packaging News Jobs Fax Line.

Your vacancies can be accessed by potential applicants 24 hours a day 7 days a week from any fax machine.

For information on how to place your vacancies on the Packaging News Jobs Fax Line call Jackie Skeel on 081 242 3156.

CALL
TO SAMPLE THE
SYSTEM

Call on 0839 772288 or circle number K5-467

A SELF CONTAINED INKJET CODER WITH A THREE LINE FEATURE

Feature packed, self-contained double line printer, a winner from Little David. Offers a choice of three character heights from one nozzle and these can be mixed in the message lines. All standard inkjet features available tool.

New improved version

• Message view feature from memory
• Auto pallet count
Call or fax Little David now:

Little David
Tel 0284 357511. Fax 0284 355964
Unit 9 Brunel Gate, West Portway
Andover, Hampshire SP10 3SL



Also supply Case Erectors and Case Sealers

Call on 0839 772268 or circle number K5-402

Looking for a career move?

24 HOURS A DAY
7 DAYS A WEEK!

JOB FAX LINE

For the very latest details of vacancies, in print and packaging whether management, production and technical or sales you can be sure you are up to date with the Packaging News Jobs Fax Line. Just call the appropriate number below from a fax machine and you will receive a fax back of the latest vacancies.

MANAGEMENT
0839 111 771

PRODUCTION & TECHNICAL
0839 111 772

SALES
0839 111 773

Calls cost 39p a minute cheap rate and 49p a minute at all other times

PACKAGING NEWS

Call on 0839 772268 or circle number K5-467

End load upgrade for confectionery



In-line feeder system: accepts random products and spaces them

With Suchard's move into the production site at York, which followed the company's takeover of Terry's, a customised end load cartoning machine had to return to work in the UK after service in Belgium.

A Kliklok Captain G machine was initially customised by Waddingtons Cartons for Suchard's premium chocolate mints, Twilight but it is now also working on the Milka Fresh continental brand of confectionery.

When Suchard upgraded its presentation of Twilight by means of a foil board carton that incorporates slotted end walls, a flexible machine was needed to cope with the novel design and to run at speed without damaging the pack.

This machine was installed at Suchard's Bedford plant

This involved remodelling the ploughs and guides on the cartoner to suit the tapered walls, redesigning the pushing face to make it sufficiently sensitive for loading the thinly constructed tray, as well as improvements to the drive system to achieve higher running speeds.

In addition, the machine was completely rewired to incorporate computerised controls which now include self diagnostic error detection and display.

This machine was installed at Suchard's Bedford plant



until the site was sold. It then moved to the Herentals plant in Belgium.

Waddingtons oversaw the uplift, transportation and installation to Belgium as well as modifying the unit to run on the continental electric current. At the same time, a bespoke intelligent product infeed unit was installed which doubled machine speeds.

This in-line feeder system accepts random products and automatically spaces them out into the infeed conveyor, thus saving on labour requirements.

For further information **K5-161** Call for details

0838 77268

081-574 3726 (which is operating at British Forces' ODA warehouse in Split). It is being used to accelerate secure wrapping of relief supplies and was dispatched just nine days after receipt of order by Newtec distributor Icastac Ltd, film and stretch machine supplier.

The machine was dispatched by International Logistics, the Crown Agents' forwarder in the South of England.

For further information **K5-160** Call for details

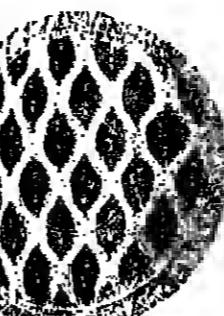
0838 77268

ADVERTISMENT

HULME-MARTIN LTD ARE RELOCATING THEIR SALES OFFICE & MANUFACTURING FACILITIES TO LARGER PREMISES AT BISLEY SURREY.

The new single site will combine production, sales and service with the specialist converting activities of their subsidiary TAVAK.

The move avoids the limitations of operating a factory in the centre of London where this long established company has been based for many years.



Print/Apply

Print/Apply

Print/Apply

Print/Apply

Print/



Print/Apply

Print/Apply

Print/Apply

Print/Apply

Print/



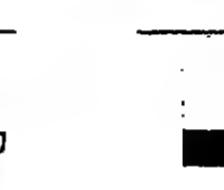
Print/Apply

Print/Apply

Print/Apply

Print/Apply

Print/



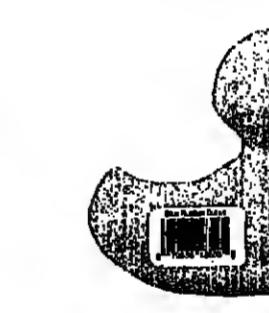
Print/Apply

Print/Apply

Print/Apply

Print/Apply

Print/



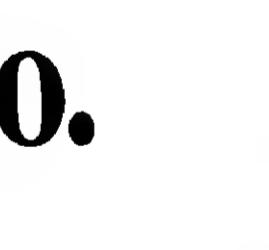
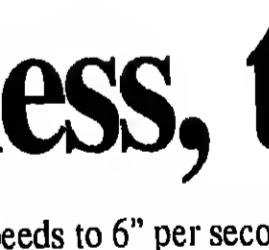
Print/Apply

Print/Apply

Print/Apply

Print/Apply

Print/



Print/Apply

Print/Apply

Print/Apply

Print/Apply

Print/

The savings are endless, too.

No matter what you're labelling, chances are our Label-Aire® printer-applicators can make it easier.

And save you money at the same time.

How? Printing labels at their point of use means you'll eliminate the expense of obsolete, pre-printed labels.

And by automating label application, you'll reduce labour costs and increase production efficiency.

Our line of print-and-apply systems combines high-density thermal-transfer printers with pressure-sensitive label applicators that keep pace with labelling

speeds to 6" per second.

That's fast. And you'll also get label placement accurate to $\pm 0.03"$, whether you're labelling the top, bottom or side of your products.

Weber's Print/Apply software makes it easy to change the information on the label, too. You can include variable-sized characters, bar codes, even graphic images.

Labelling has never been this simple. Or this affordable.

Call us at 0827 311110 for more information. We'll be glad to arrange a free survey of your labelling operation.

Weber

THE LABELLING SPECIALISTS

Weber Marking Systems

789 Cavendish, Lichfield Road Industrial Estate,
Tamworth, Staffs B79 7UL
0827 311110 Fax: 0827 310527

Call on 0838 772268 or circle number **K5-410**



Call on 0838 772268 or circle number **K5-461**



Call on 0838 772268 or circle number **K5-463**

PACKAGING NEWS/MAY 1994

Jewellery wrapped at speed

Attwood & Sawyer is now wrapping its exclusive presentation jewellery cases - containing stone set costume jewellery - at speeds of up to 600 an hour on an L sealer supplied by Burnley Packaging Machinery Ltd.

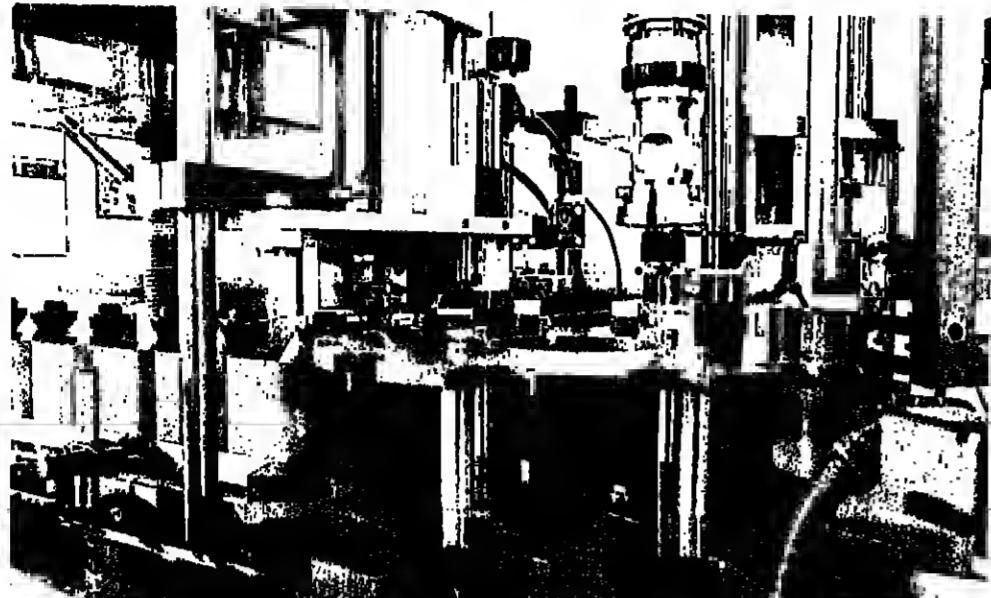
The compact unit can cater for many shapes of product and needs only single phase electricity. The system is said to provide for high quality presentation.

One of Attwood's major outlets, Kuwaiti Airlines, has also purchased an identical system to wrap the cases for duty free, inflight sales.

Fully automatic systems can be customised for individual requirements by Burnley (Farringdon Place, Russendale Road Industrial Estate, Burnley, Lancs BB1 5TY - tel: 0282 831733, fax: 423403).

For further information K5 Call for details 0839 772268

Automatic handling of liquid shoe polishes



The filling, assembling and capping line uses a puck system to transport the shoe polish containers

Glamire Industries of Cork is now filling, assembling and capping its Punch range of liquid shoe polishes on a line specially built by CE King Ltd.

The shape of the bottle and the sponge applicator located in the neck of the container meant a system had to

be developed to allow the packs to be handled automatically. A four-head Kingfisher liquid filler and a modified version of the King CS60 capper has been incorporated into a line using a puck system to transport the containers.

Bottles are loaded into the pucks by hand and transported to the liquid filler where they receive the correct measure of liquid polish. Filled containers then pass up to the CS60 capper, modified to incorporate a plugging unit capable of handling the inserts.

Controlling polish flow

Each insert consists of a plastic plug fitted with a valve to control the flow of the polish and an applicator sponge. The inserts need to be located correctly into the necks of the bottles before capping stage.

The unit drives the plugs into the bottle necks and checks that the pins which form part of the valve are present and in the correct position. This is achieved by using a thin rod mounted on a cylinder.

For further information K5 Call for details 0839 772268

der under the feed chute, an CE King (41 London Road, Chertsey, Surrey KT16 8AR - tel: 0932 565191, fax: 566593).

As each insert passes overhead, the rod moves upwards to check for the presence of the pin. If no pin is present, the insert is rejected.

Pressing pins home

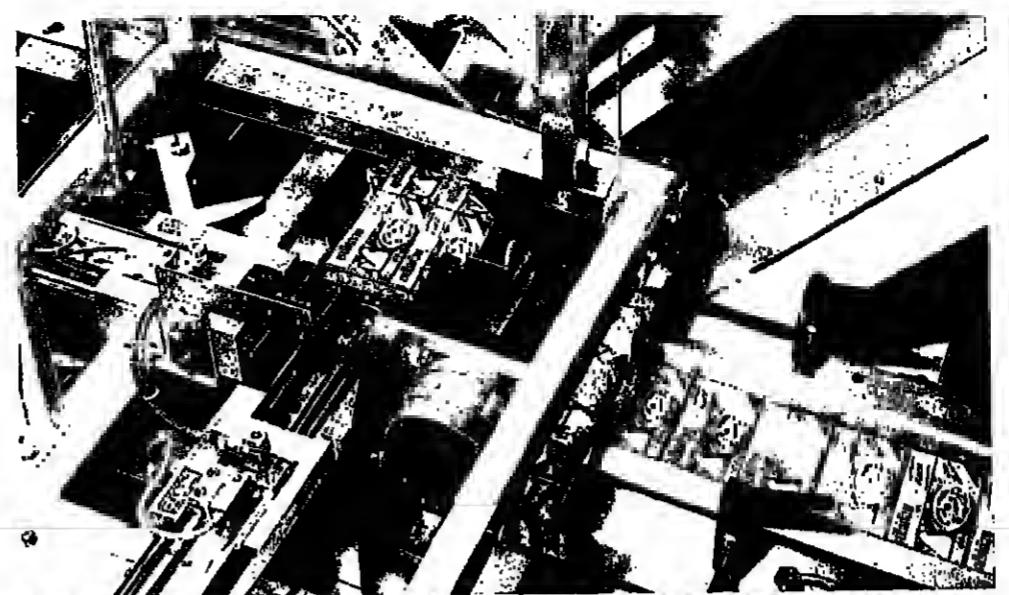
The action of the rod also presses home any pins which are present but not locked and which could therefore cause the product to leak after filling. Once checked, the insert is gripped by jaws, placed into the bottle neck and driven home by a plunger.

Bottles are then capped and carried to a de-puck station.

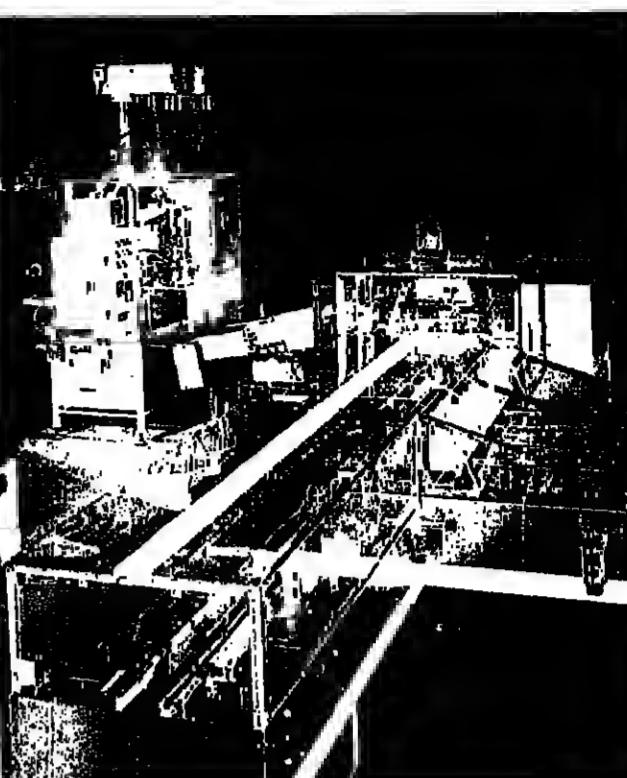
When they are clear of the pucks and placed onto the feed conveyor, a King orientation unit guides the bottles into the correct position for the labelling operation, while the empty pucks carry on round the recirculating conveyor and back to the loading station.

For further information K5 Call for details 0839 772268

Two cartoning lines for Thailand



Bradlok erector/loaders working in Bangkok count, collate and pack Knorr stock cubes into cartons



The second line packs food powders on a Bradlok SL90 cartoner and Delinborough VFFS with pouch conveying and loading system

machines into a fully integrated packaging operation.

The first line, commissioned in Thailand in January, packs Knorr stock cubes and features three custom built Bradlok glued tray erectors, each with a specially designed automatic carton collating and tray loading system.

Each wraparound machine produces Knorr stock cubes of a different flavour and feeds a single Bradlok line, says Bradman Lake (Yelverton Road, Brislington, Bristol, Avon BS4 5HP - tel: 0272 715228, fax: 775514).

After packing, trays come from the collator/loaders on individual conveyors which converge via a purpose-designed system into a single lane. Computerised controls

then identify trays by size and flavour of contents, select batches of six or 12 and instruct a Domino inkjet printer to code them appropriately.

After coating, the trays pass through a Europack shrinkwrap tunnel from which they emerge ready for manual case packing, storage

and distribution.

A second end load cartoning operation was then commissioned by CPC/AJL Thailand which Bradman Lake will deliver shortly. Products to be packed are food powders such as cake mixes and cornflour.

Single line 3-packs will run straight through the rotator and then be divided into four lanes for tray packing. Double line formats will be turned through 90deg with 4-packs dividing three ways, 6-packs dividing two ways and 10-packs going broadside-on in single file, says the company.

For further information K5 Call for details 0839 772268

Unrivalled choice of bottle size and format

A Cluster-Pak 760 multipacker machine from Mead Packaging, just installed at Eagle Brewery in Bedford, is said to provide Charles Wells Ltd with an unrivalled choice of bottle size and multipack formats for its ales and lagers thanks to an electronic rotate and divide system.

This new rotator/divider will serve an automated tray packing and shrinkwrap operation soon to be installed, says Mead (500 Woodward Avenue, Yale, Bristol BS17 5YS - tel: 0454 320000, fax: 320033). According to the size of bottle and format being packed, it will present multipacks in the aspect and number of lanes required by the end of line system.

Single line 3-packs will run straight through the rotator and then be divided into four lanes for tray packing. Double line formats will be turned through 90deg with 4-packs dividing three ways, 6-packs dividing two ways and 10-packs going broadside-on in single file, says the company.

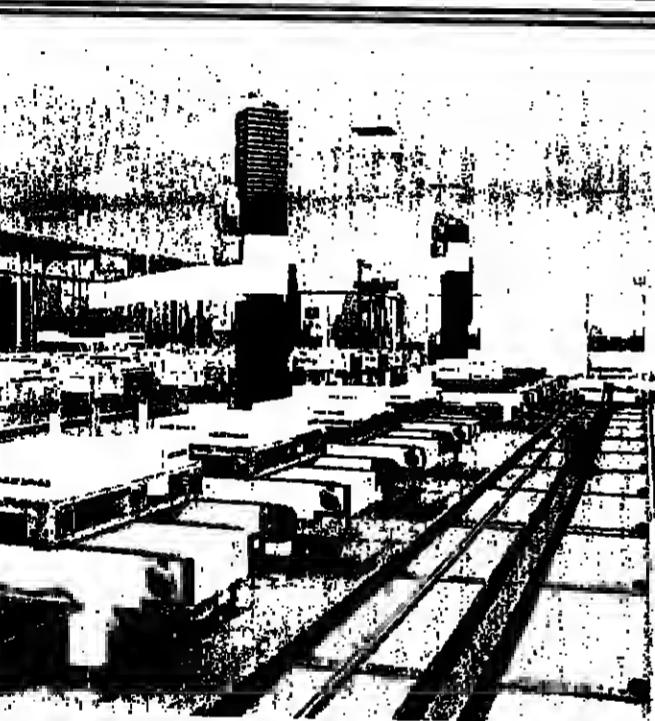
For further information K5 Call for details 0839 772268

COST-EFFECTIVE ROBOTIC PALLETISERS AND INTEGRATED CONVEYOR SYSTEMS

Eight different types of tea and up to twenty cases per minute sorted and palletised automatically for Twinings Tea. For full details of the Costi range Please contact

PRIMROSE MILL, MARTIN STREET,
BURNLEY, LANCASHIRE, BB10 1SH
TELEPHONE: 0282 415174 FAX: 0282 454893
INTEGRATED CONVEYING AND PALLETISING SYSTEMS

Call on 0839 772268 or circle number K5-427



AmTrac
Turckington Ltd

Sweet weigh accuracy

In conjunction with Scandinavian confectionery manufacturer Freia of Norway, Ishida Europe has devised a special counting and weighing system to maintain accuracy on bags of twist wrapped sweets.

At the same time, the CCW.Z.214W multilead weigher ensures that there is the right balance of individual varieties in each pack, says Ishida (Crystal Drive, Snellwick, Warkley, W Midlands B65 1RJ - tel: 021 541 1441, fax: 021 544 4659).

The system comprises the weigher, a Cremer counting line and a Rovema bagger and to ensure the appropriate mix of varieties, the Cremer is first used to count a preset number of sweets. These are then fed via a bucket conveyor and a diverting timing hopper to two 'parent' weigh heads.

Meanwhile, sweets are also fed separately to the remaining weigh heads on the Ishida. The dispersion feeder at the

top of the weigher features photocell control to regulate the flow of chocolates into the weigh hoppers in order to ensure that only a small number is dispensed to each hopper at any one time.

Each parent head weighs its product in turn and from this calculates the additional amount required to meet the pack's target weight. Typically this ranges from between 20-40g, around two to three additional sweets. A signal is then sent to the remaining weigh heads which discharge the extra sweets required to 'top up' the pack's weight.

The entire system is fully networked with interface between all areas of the operation. If, for example, unsuitable counted product is not rejected before it reaches the parent weigh head, it can be rejected in the diverting hopper above the bagmaker before being packed.

Meanwhile, sweets are also fed separately to the remaining weigh heads on the Ishida. The dispersion feeder at the

Just-in-time box service savings

Reedbut Ltd is the first UK corrugated carton printer to provide a just-in-time printed box service to customers, following the installation of a PackTrak 3000 machine from Domino UK Ltd.

Reedbut can now provide boxes printed with all the variable data required for individual production runs in addition to such standard information as product names and logos. This allows the company to offer customers substantial savings on traditional production methods, says Domino (Bar

For further information K5 Call for details 0839 772268

Following the £100,000 investment in the 3000 unit, Reedbut can produce different coloured printed cartons in short production runs, with each carrying variable information printed at the same time as the non variable data.

This means food producers supplying retailers do not require their own inkjet printing equipment or other labelling systems.

For further information K5 Call for details 0839 772268

THE PERFUME BOX!
THE WRAPPING MACHINE!
To produce a first class
wrapping for your high
quality product
Contact us for more
information Solas U.K.
Solas U.K. Ltd.
Unit 12
Anglo Industrial Estate
Whitchurch, RG20 2BS
Wiltshire, United Kingdom

THE ENVELOPES!
THE WRAPPING MACHINE!
A wide variety of envelopes
can be wrapped either
counted off or pre packed. Ask our
specialists for other solutions
for the paperware industry.
Contact us for more
information, Solas U.K.
Solas U.K. Ltd.
Unit 12
Anglo Industrial Estate
Whitchurch, RG20 2BS
Wiltshire, United Kingdom

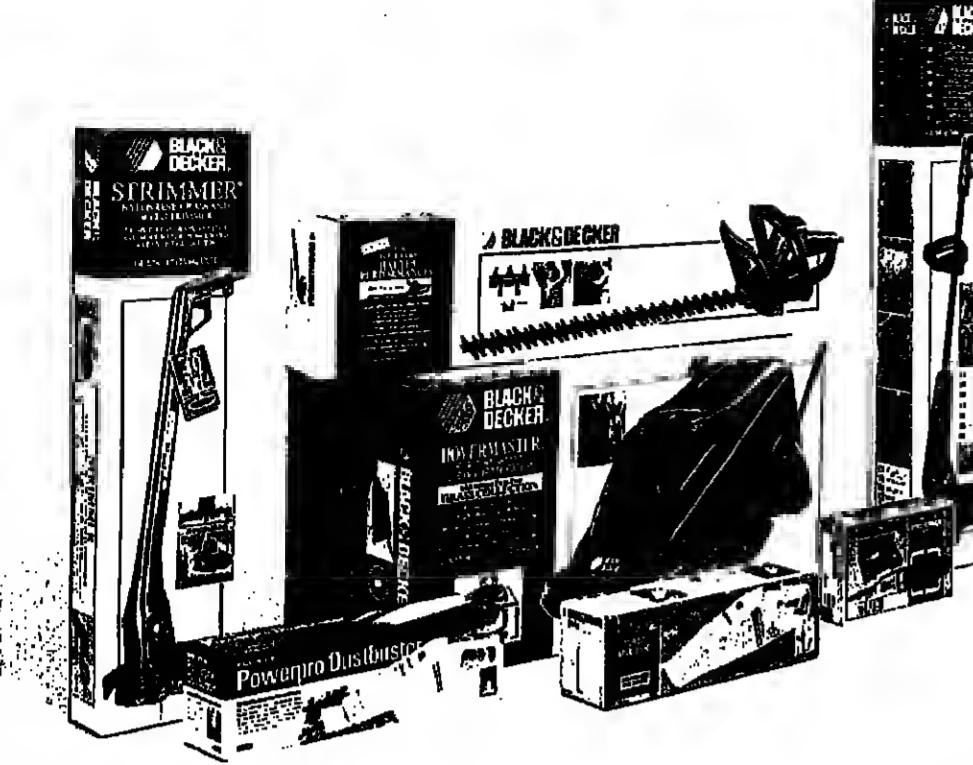
THE BOTTLES!
THE BUNDLING MACHINE!
Solas can offer various
solutions for the proper
handling of bottles in
many shapes
Contact us for more
information Solas U.K.
Solas U.K. Ltd.
Unit 12
Anglo Industrial Estate
Whitchurch, RG20 2BS
Wiltshire, United Kingdom

TELEPHONE 0256 896930

Call on 0839 772268 or circle number K5-409

CASE-PACKING YOUR BAGS? THAT'S OUR BAG!

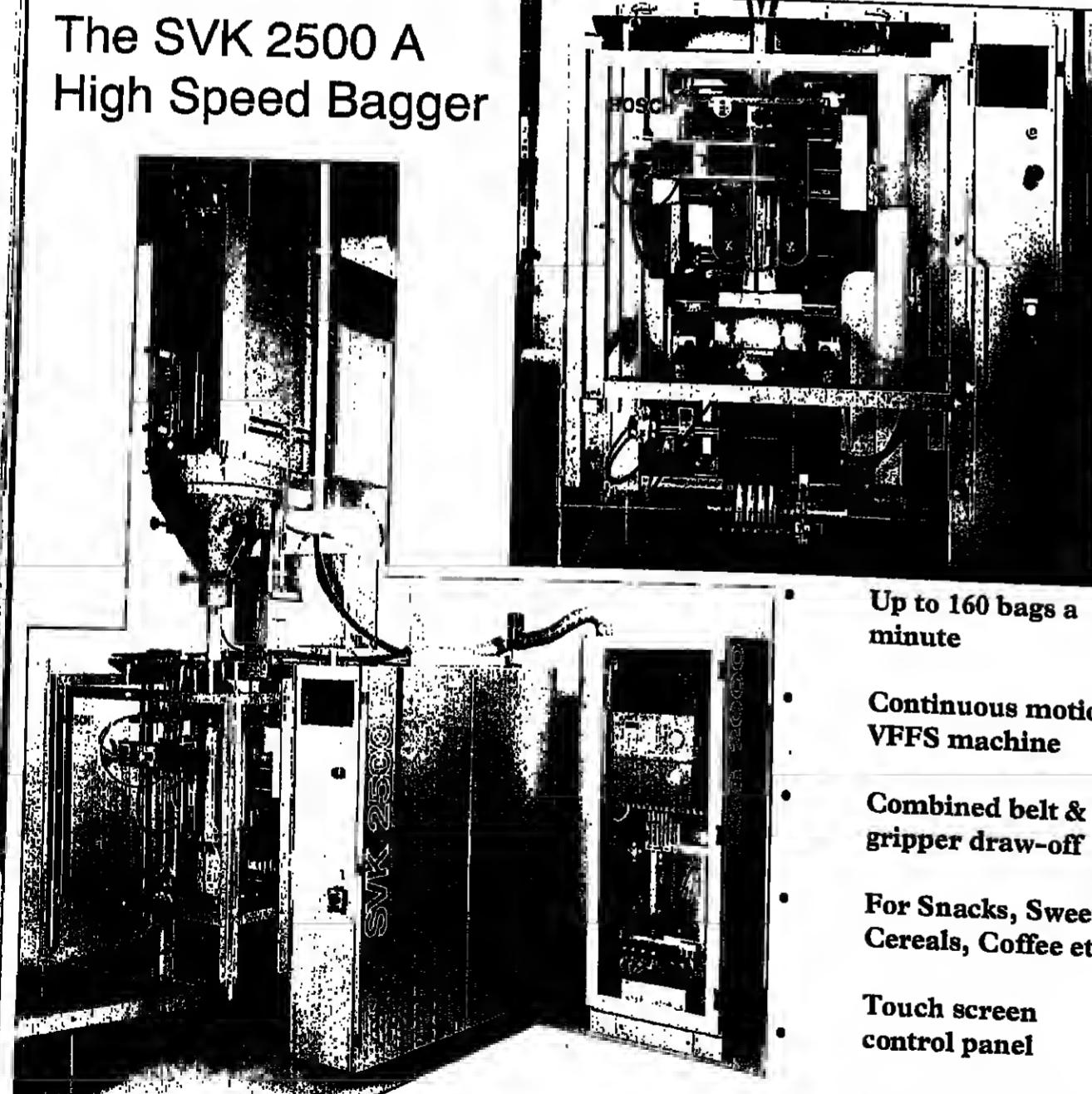
Blueprint
Automation designs and supplies case-packing systems for flexibles.
adds the missing link



Black & Decker products packed using Europack board machinery: from screwdrivers to lawnmowers

From a World Leader in Packaging Technology Another Top Performer

The SVK 2500 A High Speed Bagger



Up to 160 bags a minute

Continuous motion VFFS machine

Combined belt & gripper draw-off

For Snacks, Sweets, Cereals, Coffee etc.

Touch screen control panel

Memory for 99 product formats



BOSCH

Robert Bosch Packaging Machinery Ltd.
Invincible Road
Farnborough
Hampshire
GU14 7QU
Tel: 0252-517821 Fax: 0252-518478

Call on 0839 772268 or circle number K5-433

Board power solutions

Black & Decker has appointed Europack Engineering Co Ltd as its main supplier of packaging machinery after the company provided a complete range of board packaging solutions for its power tools and lawn care equipment.

Design expertise at Europack has just secured a seventh order from Black & Decker - for a strimmer case packing line at the company's Spennymoor factory - in just 18 months.

These lines - worth a total of £750,000 - meet a varied selection of packaging demands. Products now packed by Europack equipment range in size from Power Driver battery screwdrivers to lawn mowers, and also include Dust Buster vacuum cleaners, cordless drills, hedge clippers

and strimmers.

Every line has been purpose designed to meet the individual dimensions, as well as the handling requirements of each product, says Europack (Common Lane North, Beccles, Suffolk NR34 9BP - tel: 0502 716540, fax: 716814).

For example, the Power Driver battery screwdriver line - for the smallest of the products - collects and opens the preformed boxes for manual filling. The boxes are then folded and glued before being collated and tightly wrapped in batches of up to ten.

The lawn mower line - which handles the largest product in the group - comprises a giant side load case packer. As well as opening the preformed boxes, this machine automatically loads each lawn

mower into its box before sealing it.

Commenting on Europack's performance, George Eldrington, manufacturing engineering manager at Black & Decker's Spennymoor factory says: "We originally ordered one line so that we could evaluate its performance against that of our machinery.

"We were looking for a single source manufacturer whose products could meet an extremely wide range of packaging needs, and Europack has performed excellently. Europack are now our number one choice for packaging machinery - based on cost, design solutions, reliable delivery, installation expertise and after sales technical support."

For further information 126 0839 772268

Monobloc special

A special version of the IMA C90/A91 monobloc blister packer and cartoner has been supplied to the Irish plant of Rhone Poulenc Rorer by Ima UK Ltd.

The machine is housed in a purpose-built, low humidity blister packing area constructed as part of a major investment programme being undertaken by the group to facilitate the launch of Ikorel and several other products.

Due to the nature of Ikorel, which is adversely affected by the slightest trace of moisture, great care was required in the construction of the packaging area and in the design of the blister itself.

Ikorel is packed into a special aluminium strip holding ten tablets plus a desiccant to keep the contents in perfect condition. The ten small pockets are formed along with a

larger pocket at one end of the blister to hold a desiccant tablet 25mm in diameter. This larger pocket is connected to all the smaller pockets by tiny channels to enable the slightest trace of moisture to be drawn away from each tablet.

The C90 has been designed to work with different blister materials and this is the first to be supplied with change parts capable of handling cold formed alu/alu and pvc. A special feeder has also been added to handle the desiccant tablets as well as the Ikorel tablets.

Indeed, the C90 gives Rhone Poulenc Rorer the ability to switch between alu/alu and pvc in ten to fifteen minutes, says Ima (Oaklands Park, Fishponds Road, Wokingham, Berks RG11 2FD - tel: 0733 773233, fax: 773453).

For further information 127 0839 772268



Never has the price for moving goods between levels been more competitive.

When space is limited and you need the gentle touch of powered, controlled conveying between floors, Portec spirals could be the answer.

Full technical and engineering support from one of the world's leading conveyor companies.

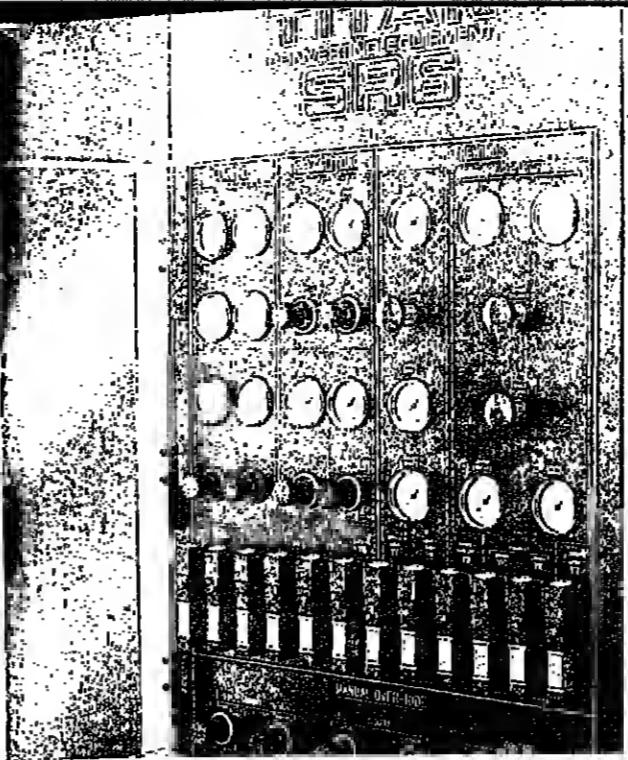
Call us now for more information and no obligation advice before specifying your next conveyor application or system installation.

PORTEC (UK) LTD, Vauxhall Industrial Estate, Ruabon, Wrexham, Clwyd LL14 6UY, Wales. Telephone: Ruabon (0876) 820820. Fax: 0876 821438



Call on 0839 772288 or circle number K5-446

PACKAGING NEWS/MAY 1994



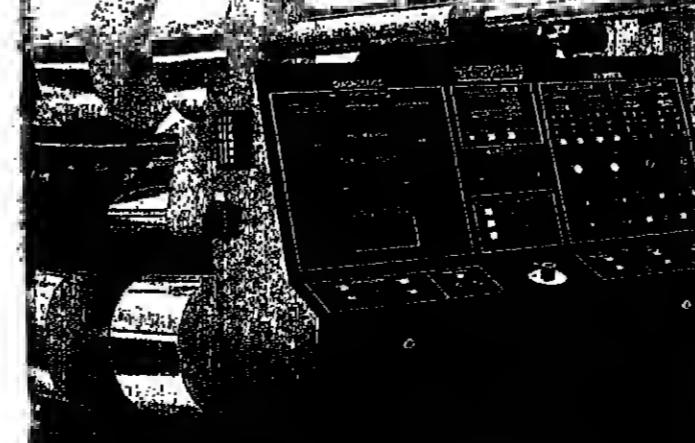
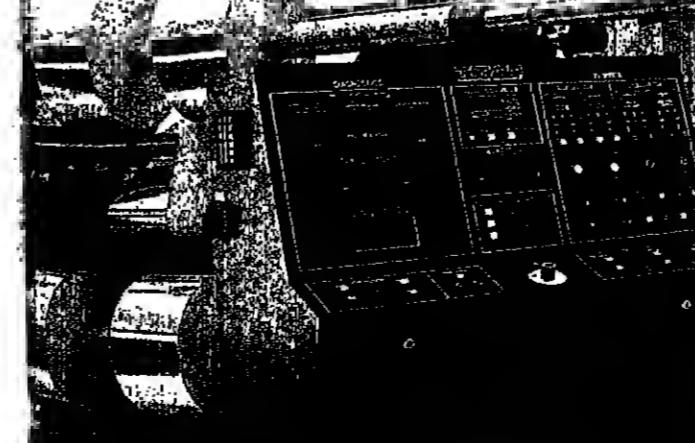
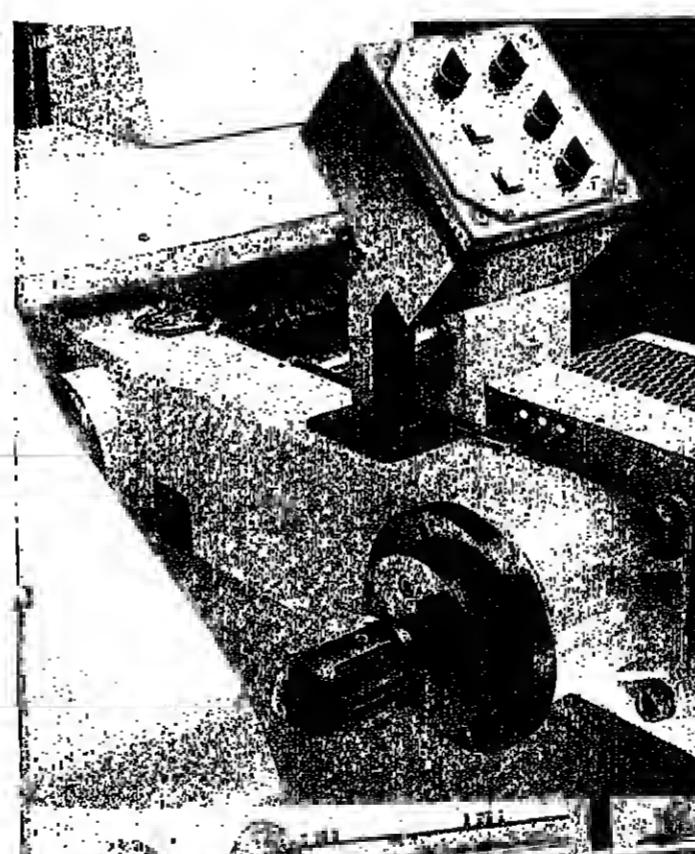
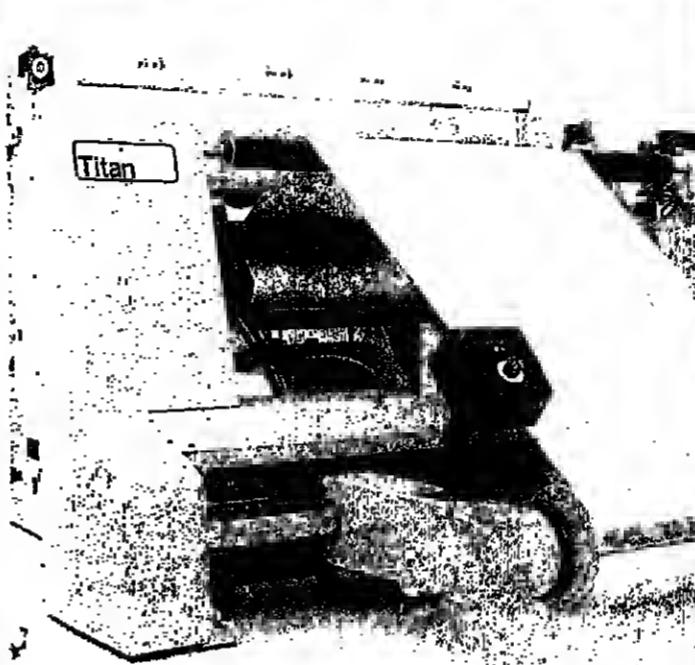
Make The Conversion To Total Control

The demand for more volume is one thing, the individual characteristics of specialist laminates is another. Both require a breed of converting machinery that allows the necessary degree of control, for which Titan has introduced the SR6 slitter rewinder.

The SR6 is a natural progression from the Titan SR5 - the most popular machine of its kind in the world - featuring new concepts and refinements to deal with a heavier and more varied workload.

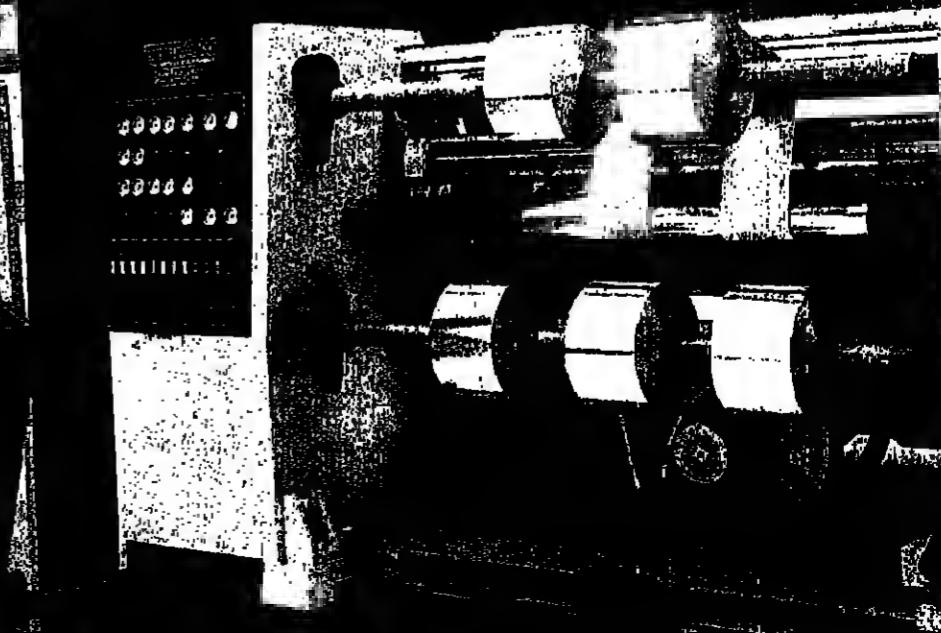
In addition to more parent reel capacity - from 1,000 - 1,800 mm wide, the SR6 has a maximum speed of 450 metres/minute, which is a 50 per cent improvement made possible by a new standard drive package.

The introduction, as a standard feature, of lay-on pressure that automatically compensates for material diameter and speed, brings a level of rewind control that is essential when running many of the modern materials. Use the Titan SR6 to make the conversion to total control.



Head Office: 4 Gauntlets Wood Estate, Stevenage, Hertfordshire SG1 2TT, England
Tel: (0438) 741144 Telex: 825212 TIAN G
Fax: (0438) 740017

United States Office: Titan Converting Equipment, 1383 Crooked Tree Court, Lithia, GA 30347, USA
Tel: (404) 9721650 Fax: (404) 9729011



Call on 0839 772288 or circle number K5-447

Shower gel automation

When Sara Lee launched its Radox shower gel in a container featuring a hook and a leakproof cap, it also automated the production line to increase output.

The new line was supplied by H Erben Ltd and comprised plant manufactured by German company Toelke, carefully designed to allow complete automation in two phases.

Due to the special shape of the hooked container, a system of pucks/carriers was used for transport purposes, with each one capable of handling all

three container sizes. This reduced changeover procedures to height adjustment only.

The initial phase of automation involved the supply of the puck/carrier conveying system which included a manual loading station for empty containers and a manual packing table for full containers.

An existing filler and shrinkwrapper were used and a new capping machine complete with unscrambler and orienter as well as a new self adhesive labeller to complete the line.

To allow Sara Lee to apply

a full body label to the container, Toelke devised separate pucks for the empty and full containers complete with a special transfer unit. This unit turns the filled and capped container through 180deg.

All machinery on the line has been designed and sized to allow for a higher speed fully automatic line in the future. The project has been managed by Toelke's UK agent, H Erben (Hadleigh, Ipswich IP7 6AS - tel: 0473 823011, fax: 828252).

For further information 122 0839 772283



Spreader bars smooth the overwrap film top over IV bags on the customised EMP 300LTS flow wrapper



Due to the special shape of the hooked container, a system of pucks/carriers was used for transport

Flow wrap alternative

Italian manufacturer EPM has built a custom modified version of its 300LTS bottom reel fed flow wrapper to provide a major UK medical products manufacturer with a lower cost alternative to conventional vacuum packaging machinery.

Intravenous fluid

Developed specifically to pack bags of intravenous fluid into high barrier plastic laminate, the 300LTS incorporates a vacuum probe to extract air from the pillow pouch as it is formed. The vacuum pump is synchronised to the cross-seal jaws and operates just before they close.

Securely clamped

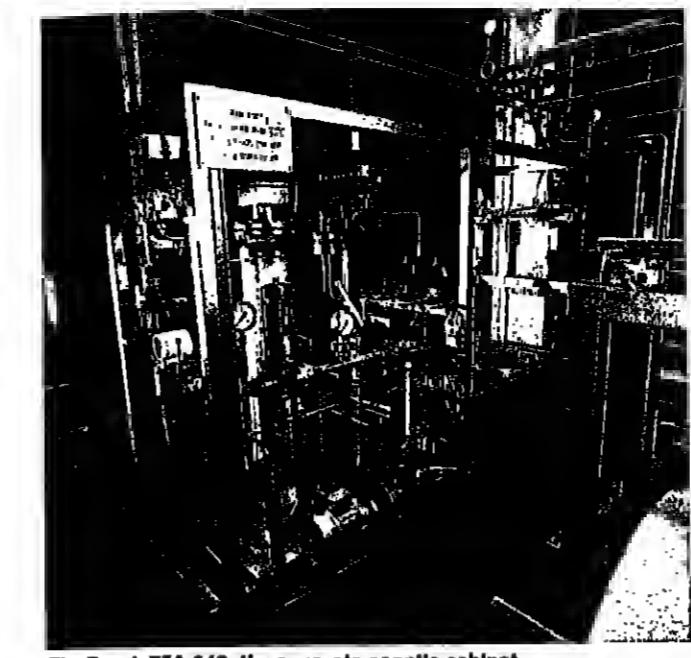
At the same time, a clamp holds the pack securely, preventing the force of air extraction drawing the pack backwards through the jaws, says UK agent, Sussex & Berkshire Machinery (Blacknest, Alton, Hants GU34 4PX - tel: 0420 22669, fax: 22687).

To prevent air entrapment

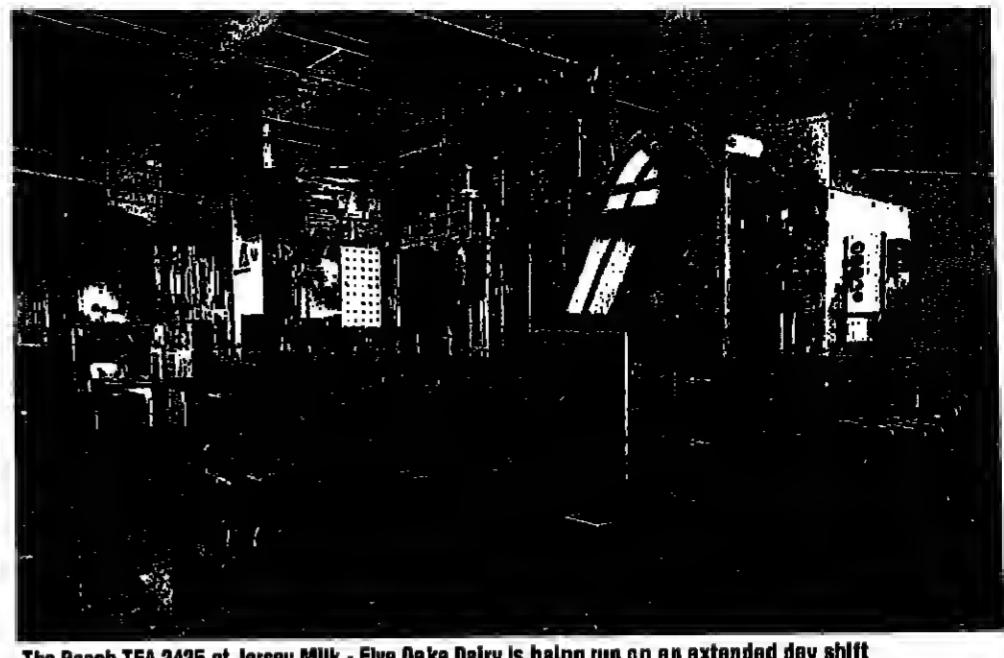
between the wrapping film and the face of the IV bag - which carries printed instructions and product identity - a pair of spreader bars descend as the cross seal is made, smoothing the film in a scissor action to bring it taut over the bag. In this way complete product viability is maintained after the entire pack has been autoclaved.

The machine feeds automatically, and has a speed of 33 cycles a minute.

For further information 123 0839 772283



The Bosch TFA 242: the separate aseptic cabinet



The Bosch TFA 2425 at Jersey Milk - Five Oaks Dairy is being run on an extended day shift

Second aseptic machine investment

Rapid growth in its sales of ultra milk and cream portion pots has led Jersey Milk to purchase a second TFA 242 aseptic packaging machine from Robert Bosch Packaging Machinery.

Jersey Milk is the commercial trading arm of the Jersey Milk Marketing Board in the Channel Islands and ventured into the portion pot business three years ago. Current sales levels of 200 million pots a year has made this £1 million investment in a second machine necessary.

cent of turnover.

"To compete in this growth market we required a high speed packaging solution, with an excellent sterility record and the capacity for future expansion," says Mr Bishop. After visiting similar installations, the TFA 242 was chosen.

As well as its Jersey brand, own-label production for contract customers in the airline, wholesale and catering industries is packed at the Five Oaks Dairy. It is exported to the UK and continent with mini pots now constituting nearly 20 per

tic system used, says Bosch (Invincible Road, Farnborough, Hants GU14 7QU - tel: 0252 517821, fax: 518478).

In operation, flat base and lid materials are run through sterilising baths of H2O2

before the containers are formed. Any residual hydrogen peroxide meets FDA standards.

With the correct high barrier material it is possible to obtain product sterility for up to 12 months. This is an important factor for Jersey Milk's products where the physical parameters require 26

weeks shelf life for milks and 14 weeks for creams.

A separate aseptic cabinet controls all the sterilising media and the forming of containers is plug-assisted, with the additional use of sterile air to ensure uniform material distribution, says the company.

The second TFA is just starting production at the Five Oaks Dairy on an extended day shift. "With full computer control on the new machine and some modifications on the first, we can now take full advantage of the opportunities this market presents," says Mr Bishop.

For further information 125 0839 772283

Wrapping pallets in cold store

A machine capable of wrapping pallets within a cold store at temperatures down to -30deg C has just been purchased by Birds Eye Walls for its Gloucester site. Performance and cost savings gained from the unit are such that the company are now looking to purchase a second machine.

The semi automatic pallet stretch wrapping machine has been developed by Robopac in association with Aetna UK (Greensbury Farm, Bolnhurst, Bedford MK44 2PE - tel: 0234 376744, fax: 376787).

According to Barry Tucket of Aetna, this equipment is now the most advanced and safest pallet stretch wrapping machine operating in a UK or European cold store. It is also said to allow for less tension on pallet corners, film cost savings, less pallet damage and improved load stability.

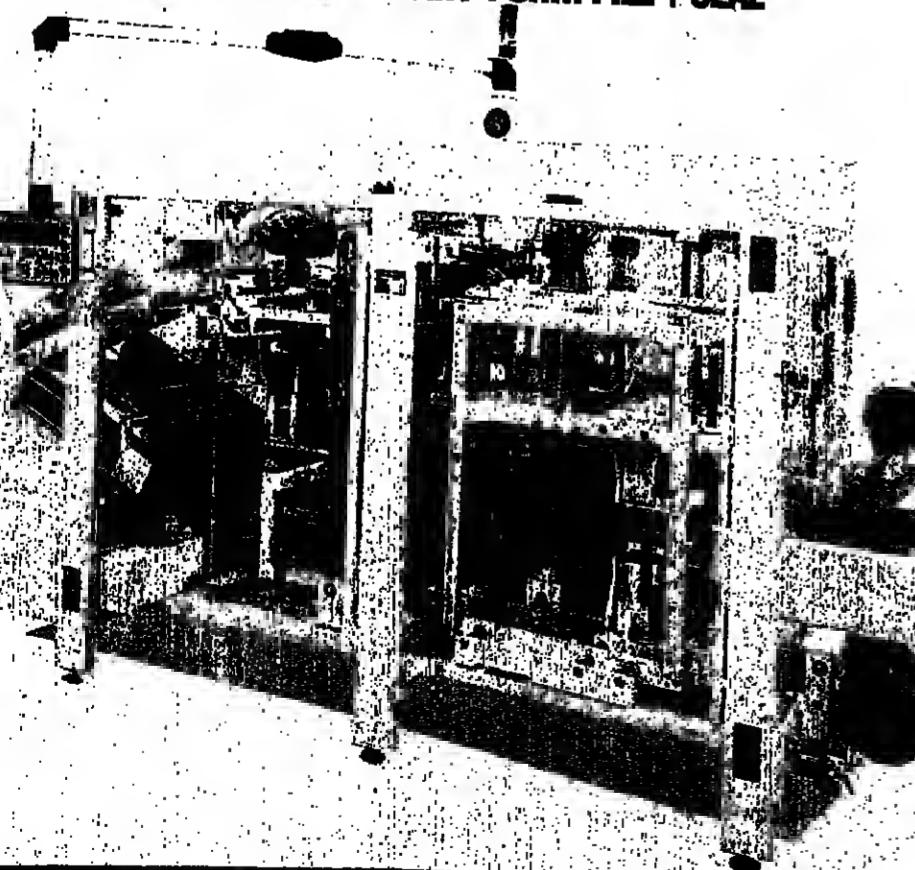
The machine comes with a self controlled power pre-stretch which, when used in conjunction with Mobil Plastics Europe's low temperature film, is ideal for any pallet load.

For further information 124 0839 772283

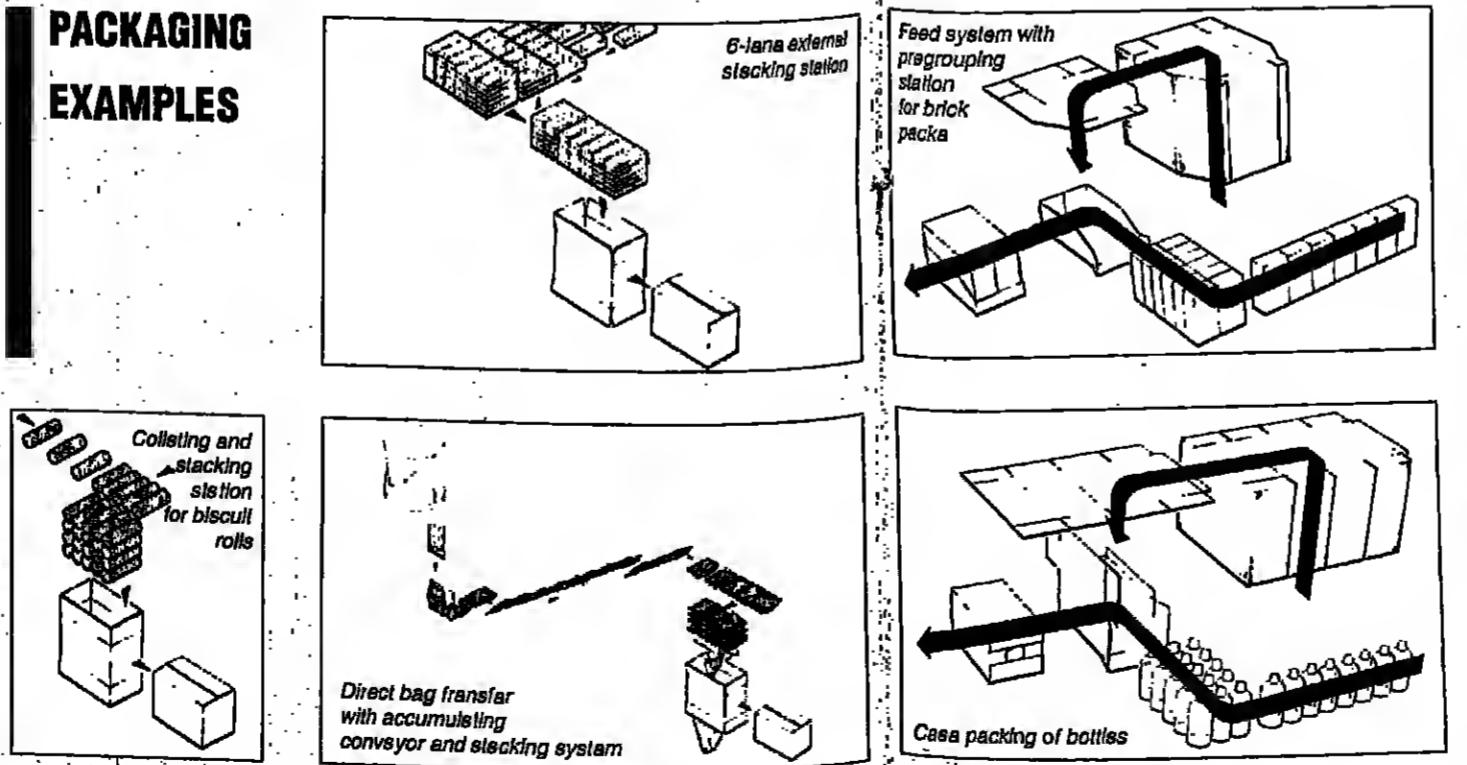
FINAL PRODUCT HANDLING AND PACKING

Case Packer 490-Toploader

- SERVO ASSIST SIZE CHANGE WITH MEMORY
- DIRECT LINK TO ANY FORM FILL + SEAL



PACKAGING EXAMPLES



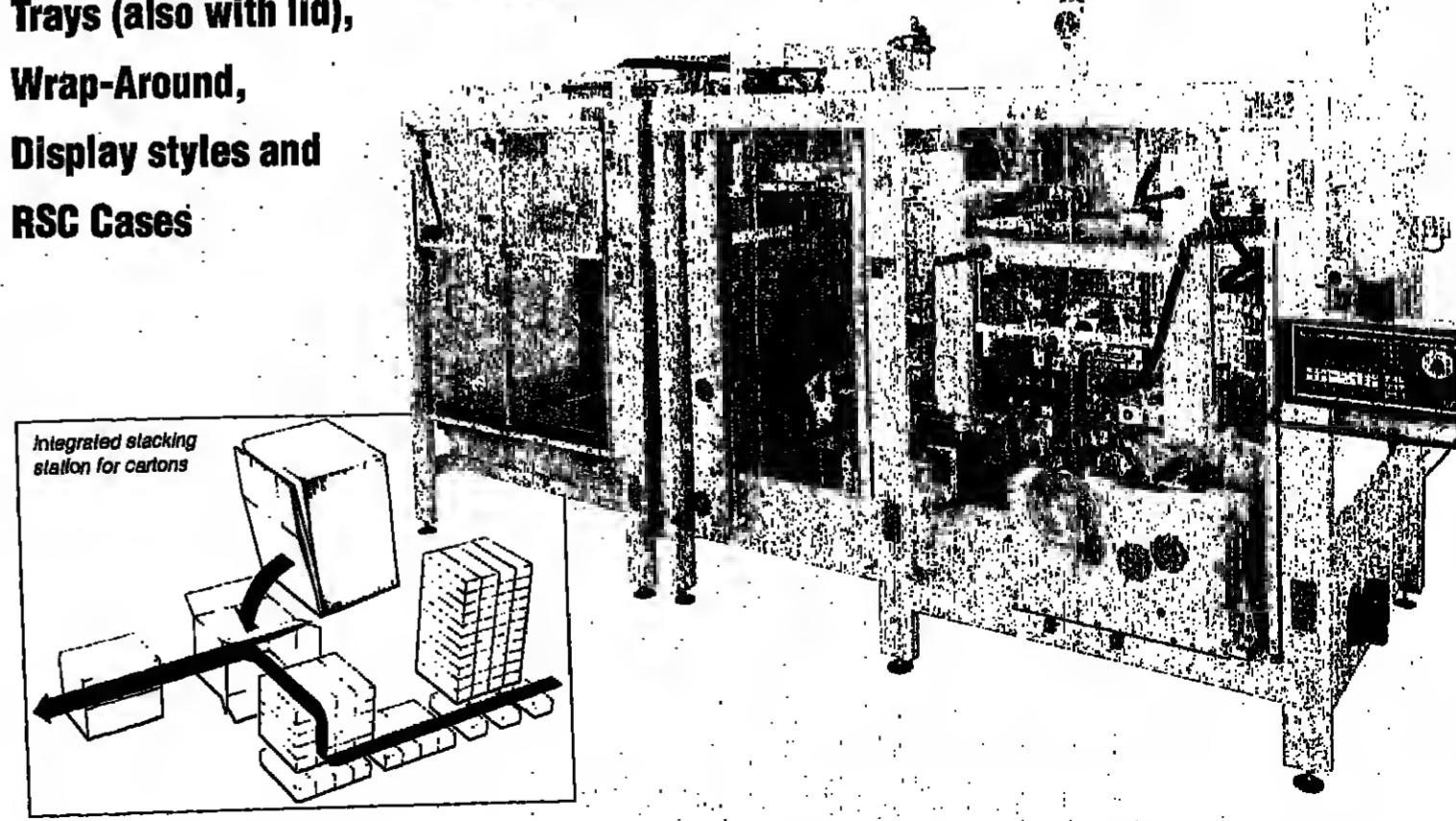
FOCKE & CO

FOCKE & CO.(UK) LTD. COURTEENAY WORKS, M
TELEPHONE 0483 756094

Case Packer 446

- Servo assist size change with memory
- High speed up to 20 cases per minute

Trays (also with lid),
Wrap-Around,
Display styles and
RSC Cases



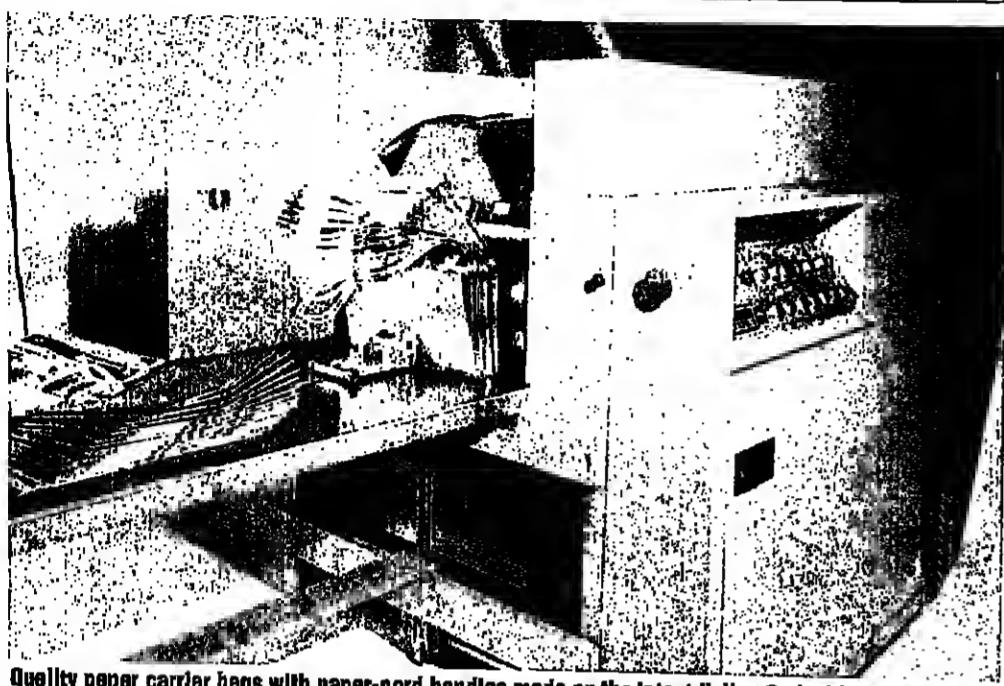
Call on 0839 772288 or circle number

K5-405

CONVERTING

FOR PACKAGING PRODUCTION & PRINT

WORLD



Quality paper carrier bags with paper-cord handles made on the latest Italian Curioni Sun bagmaker

Cord handle popularity

'Bags of Choice', the UK supplier of carrier bags with fitted handles, has installed the latest Italian Curioni Sun bagmaker machine at its Lancashire plant in order to capitalise on the trend of carriers with paper-cord handles for fashion outlets.

This latest Sun Master is capable of producing high-quality square bottom bags with rope or twisted paper-cord handles at speeds of up to 120 a minute.

Neil Wharmough, general manager at parent company Ward Packaging Ltd tells *Converting World*: "Already

the fashion is well established in the United States and Europe and we have no intention of being left behind. We expect this machine to open up new markets for us, providing lower cost carriers when compared to similar hand-made bags."

Supplied through Curioni's UK agent, Englemann and Buckham Machinery Ltd (Buckham House, Lenten Street, Alton, Hants GU34 1HH - tel: 0420 82421, fax: 89193), the line joins three other bag making machines at the Lancashire site.

Mr Wharmough says that

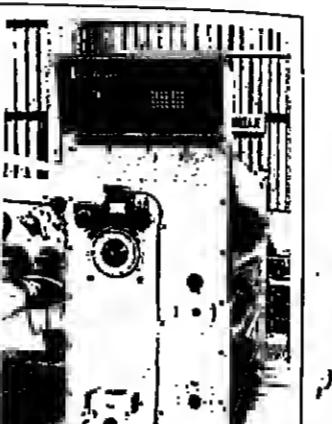
Casemaker includes vacuum-suction feed

Now in the UK from Jarshire Ltd is the CS casemaking line produced by Spanish automated box manufacturer, Tecasa SA. Software on the machine is tailored to the needs of the customer.

This latest casemaker incorporates a vacuum-suction feeder system, flexographic printer, slitter, rotary die cutter, in-line stitching with two heads giving up to 1000 staples a minute plus a gluer and folder,

counter/stacker and ejector. The integrated system is computer-controlled for total automation on up to 99 different on-line programmes. Computer control also extends to the registration of printing and die-cutting.

Board capacities range from 3mm to 12mm with a total throughput of 8500 boxes an hour, says Jarshire the sole UK agent (Levels House, Bristol Way, Stoke Gardens,



Slough - tel: 0753 825122, fax: 0753 694653.

For further information K5 616 0839 772268

Testing the sticky strength on cartons

To overcome the problem of cartons failing to bond for new product launches, Robinson Carton Packaging have installed the Trimeote Ltd model SA-GW Glue Wheel.

Designed for short production runs the SA-GW is also of use in a carton converter's laboratory for testing adhesive qualities. Andrew Clarke Robinson's commercial director says its Chesterfield site "is now able to offer customers a complete pre-production service, including costing and specifying the type of adhesive for a given application and likely adhesive usage with a good degree of accuracy."

Bag widths are determined on the Sun Master by the web folding along two transversely adjustable guides driven by push buttons, reducing set up times. The handles are pre-formed and coupled to two paper flaps glued by hot melt.

"Previously, these recommendations were academic and the only way to probe



The SA-GW Glue Wheel machine manufactured by Trimeote Ltd

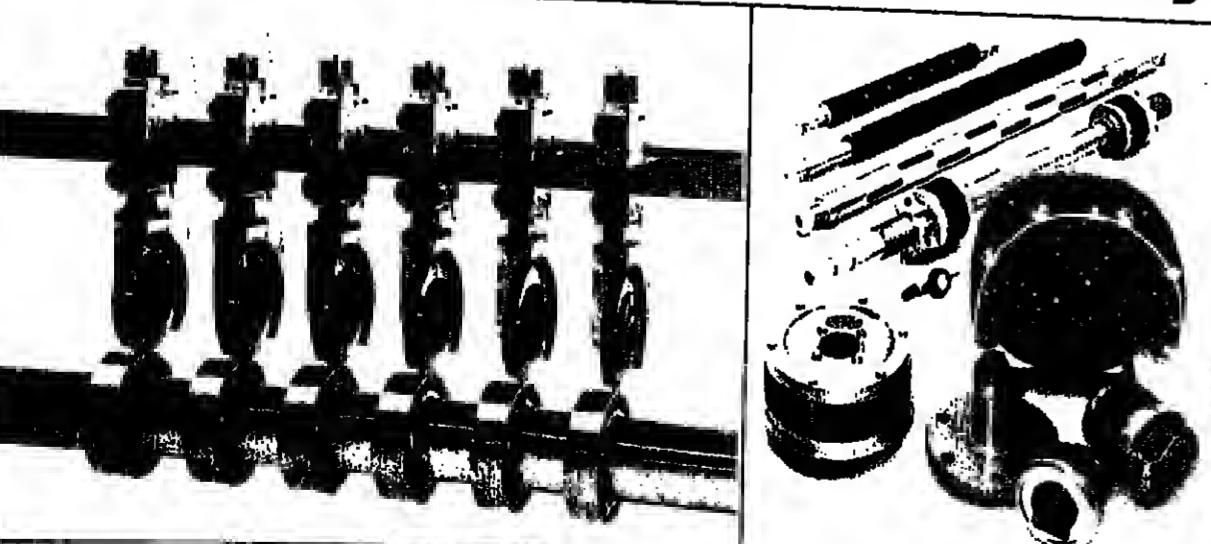
them was to run trials on a cartoning machine itself."

Ordinary application of the hot melt adhesive from a gun by hand did not give consistent results, with differing amounts of glue at the start of the run and

at the end, says Trimeote (Corringham Road Industrial Estate, Gainsborough, Lincolnshire DN21 1QB - tel: 0427 614857, fax: 811078).

For further information K5 616 0839 772268

Tidland, Serious Quality



When converters want the best, they rely on Tidland for AirShafts, core chucks, air brakes and tension controls, knives and slitting systems. And Roll Savers to restore crushed rolls.

That's the way it's been for 40 years. Make your first choice the right choice. Call Tidland for complete information.



Tidland (UK) Limited
70-72 Manchester Road, Denton, Manchester, M34 3PR
Phone 061-320 7242 Fax 061-320 4513

Call on 0839 772268 or circle number K5 609

NEWS BRIEFS

TO ENABLE canmakers and millers to take full advantage of lightweight technology, CardboardMetabox Engineering Seaming Systems (tel: 0905 798580, fax: 454023) has introduced four and six station seamers driven by lifter assemblies. CMB says it enables higher continuous speeds and excellent double seam control. Speeds range up to 750 cans a minute for the six spindle 10-6 machine and up to 450 cans a minute for the four-spindle 10-4 version.

EDALE LTD (tel: 0794 524422, fax: 513703) has sold over 50 E250-S flexo presses since its launch in 1988. Several UK companies are now installing their second E250-S. The press can also be geared up for UV flexo.

US SLITTER/REWINDERS and unwind stand manufacturer, Webco Engineering Inc, has signed an agreement with Metlog Pracelton Engineers (tel: 0824 422822, fax: 422199) which will now supply its products in Europe. Robert Cramp, Metlog sales and marketing director, says: "Webco are agents for the Metlog range of sheeting and ruling machines in the US so this is a very useful reciprocal agreement."

GREENUP'S PACKAGING LTD (tel: 0742 738844, fax: 760993) has invested in a web fed flexo press which is capable of printing six colours plus one colour on the reverse and cutting and creasing in one operation.

Flexo/gravure correction

In relation to the ink technology feature in last month's issue on page 53 the correct caption under the photograph should

have read: A convertible flexo/gravure press in Coates Lorilleus's International Centre for Radiation Curing, at St Mary Cray, Kent (tel: 0689 827080, fax: 898680). The press incorporates both UV and EB curing facilities.

For further information K5 616 0839 772268

CONVERTING

5/6/94

49

NEWS

Double/triple coater encourages experiment

A double/triple coater version of the Lithrone 40 press has been launched by Komori UK Ltd which will enable packaging printers to further experiment with new colour/coating combinations to increase on shelf impact.

This latest press features twin coaters separated by a drying unit, enabling a range of combinations to be produced. Conventional inks can be coated using a dispersion varnish, dried using hot air then finished off with a UV varnish, says Komori UK Ltd.

The resulting level of gloss far exceeds what can be achieved using a single coater, asserts Komori. By having the coater/dryer/coater arrangement dispersion of metallic inks can also be applied.

The first European order has already been signed for a double coater Lithrone 40 with the UK packaging manufacturers, John Cleadon International Group, as part of a £2 million investment, which also includes an eight-unit Komori press, the first of its kind.

Managing director John McComish tells *Converting World*: "We want the flexibility of being able to print conventionally with UV and/or aqueous coatings. The semi-automatic plate changing facilities and faster makeready times that impact on reducing costs were obviously major considerations."

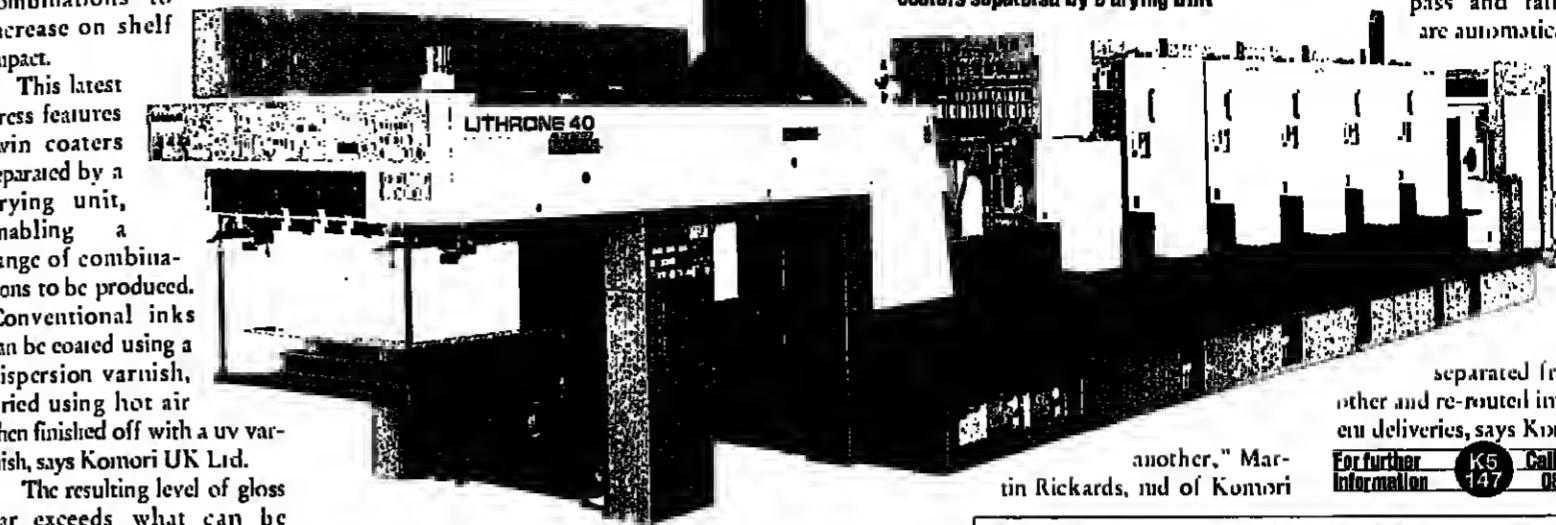
Production director Ivan McMullan says: "The main reason for choosing the two

coaters was to achieve higher quality and greater flexibility

in high speed non-stop production by continuing to deliver sheets onto one delivery while changing the pallet of

UK Ltd (Kirkstall Industrial Park, Kirkstall Road, Leeds LS2 2AZ - tel: 0532 799009, fax: 798669), tells CW.

In addition, where linked to Komori's PQA system 'pass' and 'fail' sheets are automatically



The double coater Lithrone 40 features twin coaters separated by a drying unit

separated from each other and re-routed into different delivery lines, says Komori.

For further information K5 616 0839 772268

LOCK US CLOSED
UP TIL YOU
WASTE/TRIM
Removal Systems



G. MOULON

Specialised systems that operate with a single waste-producing machine, or an entire factory floor. Low-power vacuum to remove waste/trim at source and duct it to a disposal point.

► suitable for paper, film, foil, plastics & laminates

► handles film up to 250mm width

► filters, choppers, separators can all be incorporated

► silencer booths can be specified

► used in UK by Tifan, Atlas, Eldec, Visqueen, 3M, Bowater, Sunkyong etc

► 607 Call for details

Shafts like this deserve a good airing



AIRSHAFTS

640/PL series multi-bladder pneumatic shafts are engineered for highest quality, yet cost dramatically less than other shafts of comparable quality.

► 6 bladders inflated from a single air inlet

► shaft can continue despite bladder failure

► bladder replacement in under 10 mins

► low cost repair items

► perfect concentricity & balance up to 2200rpm

► to suit core diameters from 28mm to 40mm

► shaft expansions from 8mm to 14mm

► lightweight carbon-fibre body option

► 698 Call for details

WHAT BETTER REASON TO VISIT

PaPro94



PACENDARM

A 33 Hall 4

FULL RANGE OF COATING AND LAMINATING MACHINERY MODULAR DRYERS, WINDERS AND REHUMIDIFICATION EQUIPMENT

Vorwald

B 02 Hall 4

EXPANDING SHAFTS, CHUCKS, COUPLINGS AND ANCILLARIES SEPARATE UNWIND & REWIND UNITS, SLITTING MACHINERY

SAUERESSIG ENGINEERING

E 68 Hall 7

HOT ROLL CALENDERING MACHINES
EMBOSSING MACHINES SPECIAL ROLLERS
WALLPAPER MANUFACTURING PLANT

GALILEO VACUUM TEC

G 68 Hall 8

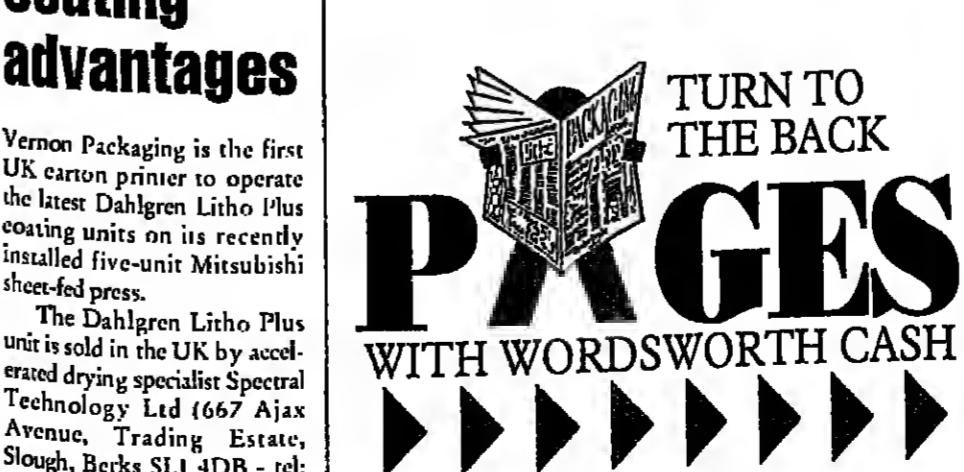
ROLL TO ROLL VACUUM METALLISING MACHINERY

SIMPLEX-TURBULO COMPANY LTD

73 Hall 7J

Wherwell Priory, Wherwell, Hampshire SP11 7JH
Tele: 0246 860186. Telex: 477966 Fax: 0246 860180

Call on 0839 772268 or circle number K5 684



PACKAGING NEWS/MAY 1994

JARSHIRE

Jarshire Ltd., Laval House,

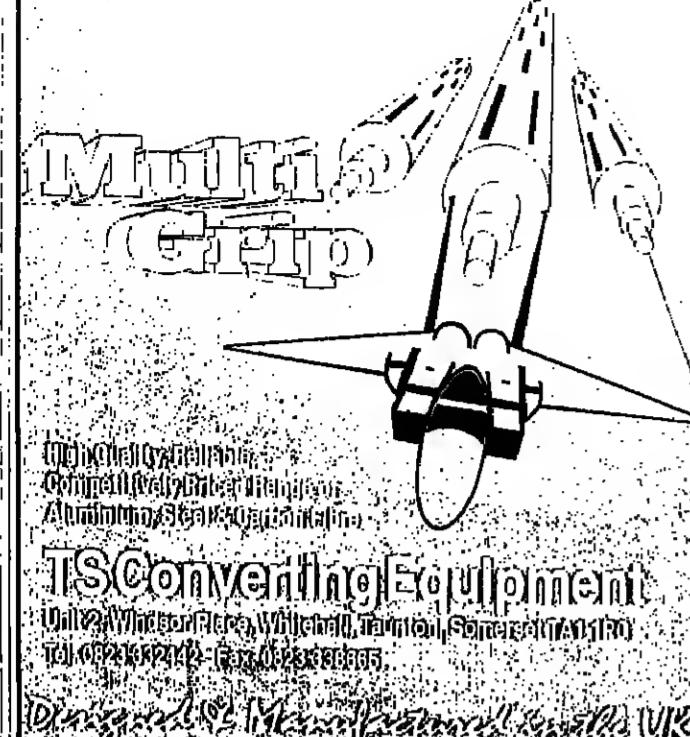
Bristol Way, Stoke Gardens,

Slough, Bucks SL1 3QE

Tel 0753 825122

Fax 0753 694653

We're not what it takes



Call on 0839 772268 or circle number K5-678

Bielloni is experience in extrusion, flexography and slitting



Cast film line

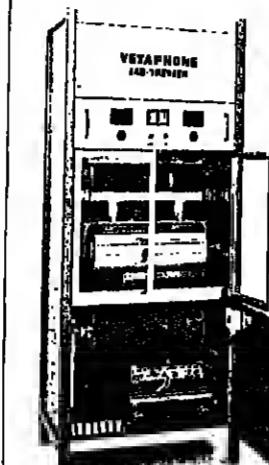
PAPRO PREVIEW Corona discharge treater systems

What are described as the world's best selling shaftless core chucks and lightweight carbon fibre shafts will be demonstrated by Double E Company Inc.

The company has been using carbon fibre composites for the paper, film and foil industries since the mid 80s.

With few exceptions, any shaft currently made of steel, aluminium or even titanium can be replaced with a lighter, carbon fibre alternative with no loss of performance, says the company (385 West Street, PO Box 574, West Bridgewater MA 02379, USA - tel: 010 1 508 5888099, fax: 508 5802915). Hall: 4, Stand: D31

For further information K5 Call for details 0839 772268



The Veteaphone ell-in-one Laboratory Treater system for off-line laboratory fast or production line speeds

A range of corona discharge treater systems suitable for a wide variety of applications will be demonstrated at the show by Danish company, Veteaphone Elektronik A/S.

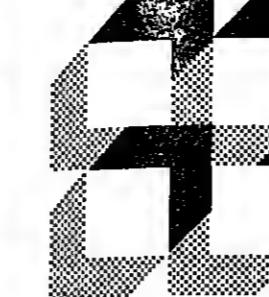
Included in the latest range of Corona Plus Generators will be a new compact generator specially designed for the treatment of complex, three dimensional objects. The treater stations are equipped with profile electrode systems for use with PE and PP on high speed lines, and ceramic electrodes for use on conductive materials.

Also demonstrated on the stand will be a Laboratory Treater capable of performing off-line tests at production speeds. The company is inviting visitors to bring along an A4 size film sample for a free assessment of its treatability.

"Surface tension"

Test kits for checking the surface tension of plastics will also be displayed by Veteaphone (Fabriksvej 11, 6000 Kolding, Denmark - tel: 010 45 75526133, fax: 75526207). Hall: 7, Stand: A22

For further information K5 Call for details 0839 772268



Blade coat head demo

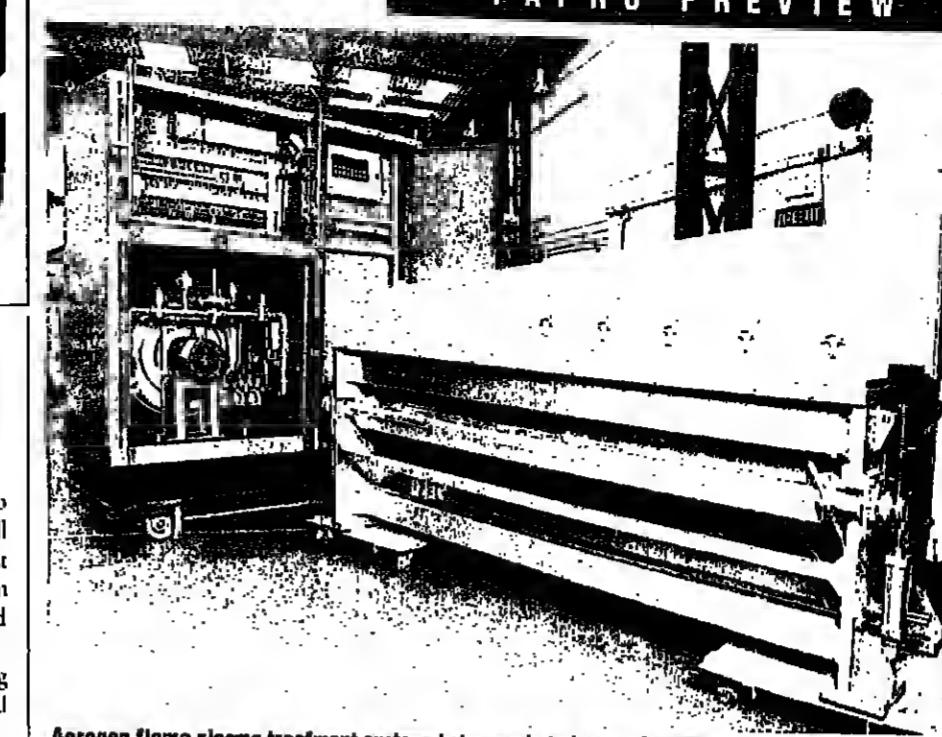
Four of Simplex-Turbulon Company Ltd's principals will be demonstrating equipment at the show, including Pagendarm GmbH, Vorwald GmbH and Suersig Engineering.

A new blade coating head will be demonstrated by Pagendarm (Hall: 4, Stand: A3) while from Vorwald comes a non-stop winder/splicer, expansion shafts, chucks and couplings all made in lightweight materials (Hall: 4, Stand: B2).

A functional pressureless embossing unit and colour proofing machines will be among exhibits from Suersig (Hall: 7, Stand: E2).

Further information is available from Simplex-Turbulon (Wherwell Priory, Wherwell, Hants SP11 7JH - tel: 0264 860186, fax: 860180).

For further information K5 Call for details 0839 772268



Aerogen flame plasma treatment system: being marketed alongside Piller Technologies systems

Flame plasma interface

In flame plasma treatment, the latest Aerogen development will be a sophisticated 'operator interface' designed to monitor, store and retrieve process data when surface treating webs, mouldings, containers and components.

The advanced corona discharge systems manufactured by Piller Technologies in the US will also be shown. These are said to lend themselves particularly well to in-line processing on blown film and flat film

production lines. Aerogen sees this range of equipment as complementary to its own, and markets it throughout Europe.

Latest products from Piller include an advanced and patented bare roll corona treater. Other advances to be shown by Aerogen are indirect and direct heating systems.

Hall: 8, Stand: F28

For further information K5 Call for details 0839 772268

Peristaltic ink pumps meet uv requirements

Two peristaltic ink pumps will be introduced by Graymills Corporation, both designed to meet the requirements of UV inks as well as other flexo applications which require easily controlled low flow rates.

Handle heavier inks

As well as being able to handle heavier UV inks, the pumps are said to virtually eliminate cleanup since the pump does not come into contact with the ink.

A narrow web anilox roll cleaner will also be introduced at the show. This model complements the company's larger wide web, spray through

immersion cleaners, giving the narrow web printer a method of cleaning rolls without abrasives.

Viscosity controllers

Also demonstrated will be ink pumping/conditioning products including Agitox ink pumps, Superflo filters and Visgard automatic viscosity controllers, says UK distributor, Stanley Press Equipment Ltd (Graphic House, Bank Street, Macclesfield, Cheshire SK11 7BR - tel: 0625 429211, fax: 614100).

Hall: 8, Stand: E7

For further information K5 Call for details 0839 772268

EBERGRIP MACHINERY FOR CONVERTERS



EBERBOW®
BOWED
ROLLERS
Spreading,
creep removal
sill separation



25 to 300mm
(1in to 12in)

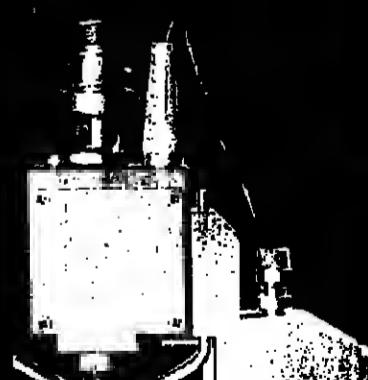


The Runnings, Cheltenham, Gloucestershire GL5 8NJ, England
Telephone: (0242) 584112 Fax: 0242 222448

Call on 0839 772268 or circle number K5-682

New guns

from
established
experts



PaPro 94, Düsseldorf, stand 7B2

A high-speed, heavy-duty addition to our comprehensive range of cold gluing equipment. Ball-valve or non-contact guns, gravity or pressure adhesive feed - we supply the solutions. And we back our range with worldwide service through a network of local agents.

Pafra Limited
Bentalls, Basildon, Essex
SS14 3BU, England
tel 0268 280606
fax 0268 280904

Adhesive applicators
Emulsion adhesives

Call on 0839 772268 or circle number K5-683



BIELLONI
MACHINERY

spa

20046 BIASONO - MI - ITALY - Via Della Misericordia, 46 - Tel: 033-248511 - Telex: 333323 BIEMI1 - Fax: 033-490124

Call on 0839 772268 or circle number K5-679



SAFETY CHUCK WITH OPTIONAL DISC BRAKES

ALANCO-ALAMATIC LTD
Wilton Street,
Denton, Manchester M34 3WQ
Tel: 061-336 4702
Fax: 061-336 0100



Call on 0839 772268 or circle number K5-680

PACKAGING NEWS/MAY 1994

RIMOR AIRSHAFTS



LOW PROFILE 7150 SERIES

up to 2" (50mm) Bore for use with 3" (76mm) Cores

EUROPEAN AGENTS
WANTED

Call on 0839 772268 or circle number K5-672

Rimor Airshafts, Perklands, Forest Road, Denmead, Hampshire PO7 6TJ Tel: (0705) 264063 Fax: (0705) 230475

LEAF SHAFT 3000 SERIES

Incorporating 360° gripping prevents distortion of thin wall cores

- RIMOR is a BS5750/ISO9002 approved Company
- Competitive prices
- 7 Day delivery service available
- Volume sales discounts
- Stocks held for volume users
- Spares available within 24hrs



AIRSHAFT TECHNOLOGY

Call on 0839 772268 or circle number K5-675

Call on 0839 772268 or circle number K5-683

PACKAGING

Where to buy, sell & Appointments

For rates on the new bolder style of entry
please call Jackie Skeel on: 081 242 3156



CONTAINERS & CLOSURES

CAP-TAIL CLOSURES

New Company, New Closures
Specialising Child & Tolley
Cap-tail Closures
140 Pack Lane, Kempshott,
Basingstoke, Hampshire RG22 5W
Fax: 0256 665178
Contact: Debbie Hayes

ADHESIVES

Premiere Adhesive Tapes & Consumables
Units 1, 2, & 3 The
Countryman
180 High Street,
Ipswich, Suffolk IP1 3PA
Tel: 0372 386126
Post: 0372 286133
Contact: Mr. S. Meyer.
Our products set the
standards by which others
are judged.

AEROSOL CANS

Haepler & Naternmann (UK)
Ltd.
Unit 9, The Western Centre,
Western Road, Bracknell,
Berks, RG12 1RW
Tel: 0344 489571
Fax: 0344 489572

AEROSOL CANS

Proxil (UK) Ltd.,
291 Watling Street,
Dartford,
Kent, DA2 0EP.
Tel: 0322 221335
Fax: 0322 94124
Contact: Mr. J. Christian

AIR BUBBLE & FOAM BAGS & SHEETS

Admiral Packaging Ltd.,
Specialist bubble pouch makers
Fast, Reliable Service
1 Walls Ave.
Chester,
CH1 4JB
Tel: 0244 317456
Fax: 0244 319103

AIR BUBBLE Converters

Aerodrome Road,
Bekesbourne,
Canterbury,
Kent,
CT4 5EX.
Tel: 0227 832052
Fax: 0227 831116

P.H. Flexible Packaging,
Hearthcoat Road,
Boardman Ind. Est.,
Swindon,
Berkshire,
RG10 9DL.
Tel: 0283 551050
Fax: 0283 551050

PEL Flexible Packaging,
Hearthcoat Road,
Boardman Ind. Est.,
Swindon,
Berkshire,
RG10 9DL.
Tel: 0283 551050
Fax: 0283 551050

PEL Flexible Packaging,
Hearthcoat Road,
Boardman Ind. Est.,
Swindon,
Berkshire,
RG10 9DL.
Tel: 0283 551050
Fax: 0283 551050

PEL Flexible Packaging,
Hearthcoat Road,
Boardman Ind. Est.,
Swindon,
Berkshire,
RG10 9DL.
Tel: 0283 551050
Fax: 0283 551050

PEL Flexible Packaging,
Hearthcoat Road,
Boardman Ind. Est.,
Swindon,
Berkshire,
RG10 9DL.
Tel: 0283 551050
Fax: 0283 551050

PEL Flexible Packaging,
Hearthcoat Road,
Boardman Ind. Est.,
Swindon,
Berkshire,
RG10 9DL.
Tel: 0283 551050
Fax: 0283 551050

PEL Flexible Packaging,
Hearthcoat Road,
Boardman Ind. Est.,
Swindon,
Berkshire,
RG10 9DL.
Tel: 0283 551050
Fax: 0283 551050

PEL Flexible Packaging,
Hearthcoat Road,
Boardman Ind. Est.,
Swindon,
Berkshire,
RG10 9DL.
Tel: 0283 551050
Fax: 0283 551050

PEL Flexible Packaging,
Hearthcoat Road,
Boardman Ind. Est.,
Swindon,
Berkshire,
RG10 9DL.
Tel: 0283 551050
Fax: 0283 551050

PEL Flexible Packaging,
Hearthcoat Road,
Boardman Ind. Est.,
Swindon,
Berkshire,
RG10 9DL.
Tel: 0283 551050
Fax: 0283 551050

PEL Flexible Packaging,
Hearthcoat Road,
Boardman Ind. Est.,
Swindon,
Berkshire,
RG10 9DL.
Tel: 0283 551050
Fax: 0283 551050

PEL Flexible Packaging,
Hearthcoat Road,
Boardman Ind. Est.,
Swindon,
Berkshire,
RG10 9DL.
Tel: 0283 551050
Fax: 0283 551050

PEL Flexible Packaging,
Hearthcoat Road,
Boardman Ind. Est.,
Swindon,
Berkshire,
RG10 9DL.
Tel: 0283 551050
Fax: 0283 551050

PEL Flexible Packaging,
Hearthcoat Road,
Boardman Ind. Est.,
Swindon,
Berkshire,
RG10 9DL.
Tel: 0283 551050
Fax: 0283 551050

PEL Flexible Packaging,
Hearthcoat Road,
Boardman Ind. Est.,
Swindon,
Berkshire,
RG10 9DL.
Tel: 0283 551050
Fax: 0283 551050

PEL Flexible Packaging,
Hearthcoat Road,
Boardman Ind. Est.,
Swindon,
Berkshire,
RG10 9DL.
Tel: 0283 551050
Fax: 0283 551050

PEL Flexible Packaging,
Hearthcoat Road,
Boardman Ind. Est.,
Swindon,
Berkshire,
RG10 9DL.
Tel: 0283 551050
Fax: 0283 551050

PEL Flexible Packaging,
Hearthcoat Road,
Boardman Ind. Est.,
Swindon,
Berkshire,
RG10 9DL.
Tel: 0283 551050
Fax: 0283 551050

PEL Flexible Packaging,
Hearthcoat Road,
Boardman Ind. Est.,
Swindon,
Berkshire,
RG10 9DL.
Tel: 0283 551050
Fax: 0283 551050

PEL Flexible Packaging,
Hearthcoat Road,
Boardman Ind. Est.,
Swindon,
Berkshire,
RG10 9DL.
Tel: 0283 551050
Fax: 0283 551050

PEL Flexible Packaging,
Hearthcoat Road,
Boardman Ind. Est.,
Swindon,
Berkshire,
RG10 9DL.
Tel: 0283 551050
Fax: 0283 551050

PEL Flexible Packaging,
Hearthcoat Road,
Boardman Ind. Est.,
Swindon,
Berkshire,
RG10 9DL.
Tel: 0283 551050
Fax: 0283 551050

PEL Flexible Packaging,
Hearthcoat Road,
Boardman Ind. Est.,
Swindon,
Berkshire,
RG10 9DL.
Tel: 0283 551050
Fax: 0283 551050

PEL Flexible Packaging,
Hearthcoat Road,
Boardman Ind. Est.,
Swindon,
Berkshire,
RG10 9DL.
Tel: 0283 551050
Fax: 0283 551050

PEL Flexible Packaging,
Hearthcoat Road,
Boardman Ind. Est.,
Swindon,
Berkshire,
RG10 9DL.
Tel: 0283 551050
Fax: 0283 551050

PEL Flexible Packaging,
Hearthcoat Road,
Boardman Ind. Est.,
Swindon,
Berkshire,
RG10 9DL.
Tel: 0283 551050
Fax: 0283 551050

PEL Flexible Packaging,
Hearthcoat Road,
Boardman Ind. Est.,
Swindon,
Berkshire,
RG10 9DL.
Tel: 0283 551050
Fax: 0283 551050

PEL Flexible Packaging,
Hearthcoat Road,
Boardman Ind. Est.,
Swindon,
Berkshire,
RG10 9DL.
Tel: 0283 551050
Fax: 0283 551050

PEL Flexible Packaging,
Hearthcoat Road,
Boardman Ind. Est.,
Swindon,
Berkshire,
RG10 9DL.
Tel: 0283 551050
Fax: 0283 551050

PEL Flexible Packaging,
Hearthcoat Road,
Boardman Ind. Est.,
Swindon,
Berkshire,
RG10 9DL.
Tel: 0283 551050
Fax: 0283 551050

PEL Flexible Packaging,
Hearthcoat Road,
Boardman Ind. Est.,
Swindon,
Berkshire,
RG10 9DL.
Tel: 0283 551050
Fax: 0283 551050

PEL Flexible Packaging,
Hearthcoat Road,
Boardman Ind. Est.,
Swindon,
Berkshire,
RG10 9DL.
Tel: 0283 551050
Fax: 0283 551050

PEL Flexible Packaging,
Hearthcoat Road,
Boardman Ind. Est.,
Swindon,
Berkshire,
RG10 9DL.
Tel: 0283 551050
Fax: 0283 551050

PEL Flexible Packaging,
Hearthcoat Road,
Boardman Ind. Est.,
Swindon,
Berkshire,
RG10 9DL.
Tel: 0283 551050
Fax: 0283 551050

PEL Flexible Packaging,
Hearthcoat Road,
Boardman Ind. Est.,
Swindon,
Berkshire,
RG10 9DL.
Tel: 0283 551050
Fax: 0283 551050

PEL Flexible Packaging,
Hearthcoat Road,
Boardman Ind. Est.,
Swindon,
Berkshire,
RG10 9DL.
Tel: 0283 551050
Fax: 0283 551050

PEL Flexible Packaging,
Hearthcoat Road,
Boardman Ind. Est.,
Swindon,
Berkshire,
RG10 9DL.
Tel: 0283 551050
Fax: 0283 551050

PEL Flexible Packaging,
Hearthcoat Road,
Boardman Ind. Est.,
Swindon,
Berkshire,
RG10 9DL.
Tel: 0283 551050
Fax: 0283 551050

PEL Flexible Packaging,
Hearthcoat Road,
Boardman Ind. Est.,
Swindon,
Berkshire,
RG10 9DL.
Tel: 0283 551050
Fax: 0283 551050

PEL Flexible Packaging,
Hearthcoat Road,
Boardman Ind. Est.,
Swindon,
Berkshire,
RG10 9DL.
Tel: 0283 551050
Fax: 0283 551050

PEL Flexible Packaging,
Hearthcoat Road,
Boardman Ind. Est.,
Swindon,
Berkshire,
RG10 9DL.
Tel: 0283 551050
Fax: 0283 551050

PEL Flexible Packaging,
Hearthcoat Road,
Boardman Ind. Est.,
Swindon,
Berkshire,
RG10 9DL.
Tel: 0283 551050
Fax: 0283 551050

PEL Flexible Packaging,
Hearthcoat Road,
Boardman Ind. Est.,
Swindon,
Berkshire,
RG10 9DL.
Tel: 0283 551050
Fax: 0283 551050

PEL Flexible Packaging,
Hearthcoat Road,
Boardman Ind. Est.,
Swindon,
Berkshire,
RG10 9DL.
Tel: 0283 551050
Fax: 0283 551050

PEL Flexible Packaging,
Hearthcoat Road,
Boardman Ind. Est.,
Swindon,
Berkshire,
RG10 9DL.
Tel: 0283 551050
Fax: 0283 551050

PEL Flexible Packaging,
Hearthcoat Road,
Boardman Ind. Est.,
Swindon,
Berkshire,
RG10 9DL.
Tel: 0283 551050
Fax: 0283 551050

PEL Flexible Packaging,
Hearthcoat Road,
Boardman Ind. Est.,
Swindon,
Berkshire,
RG10 9DL.
Tel: 0283 551050
Fax: 0283 551050

PEL Flexible Packaging,
Hearthcoat Road,
Boardman Ind. Est.,
Swindon,
Berkshire,
RG10 9DL.
Tel: 0283 551050
Fax: 0283 551050

PEL Flexible Packaging,
Hearthcoat Road,
Boardman Ind. Est.,
Swindon,
Berkshire,
RG10 9DL.
Tel: 0283 551050
Fax: 0283 551050

PEL Flexible Packaging,
Hearthcoat Road,
Boardman Ind. Est.,
Swindon,
Berkshire,
RG10 9DL.
Tel: 0283 551050
Fax: 0283 551050

PEL Flexible Packaging,
Hearthcoat Road,
Boardman Ind. Est.,
Swindon,
Berkshire,
RG10 9DL.
Tel: 0283 551050
Fax: 0283 551050

PEL Flexible Packaging,
Hearthcoat Road,
Boardman Ind. Est.,
Swindon,
Berkshire,
RG10 9DL.
Tel: 0283 551050
Fax: 0283 551050

PEL Flexible Packaging,
Hearthcoat Road,
Boardman Ind. Est.,
Swindon,
Berkshire,
RG10 9DL.
Tel: 0283 551050
Fax: 0283 551050

PEL Flexible Packaging,
Hearthcoat Road,
Boardman Ind. Est.,
Swindon,
Berkshire,
RG10 9DL.
Tel: 0283 551050
Fax: 0283 551050

PEL Flexible Packaging,
Hearthcoat Road,
Boardman Ind. Est.,
Swindon,
Berkshire,
RG10 9DL.
Tel: 0283 551050
Fax: 0283 551050

PEL Flexible Packaging,
Hearthcoat Road,
Boardman Ind. Est.,
Swindon,
Berkshire,
RG10 9DL.
Tel: 0283 551050
Fax: 0283 551050

PEL Flexible Packaging,
Hearthcoat Road,
Boardman Ind. Est.,
Swindon,
Berkshire,
RG10 9DL.
Tel: 0283 551050
Fax: 0283 551050

PEL Flexible Packaging,
Hearthcoat Road,
Boardman Ind. Est.,
Swindon,
Berkshire,
RG10 9DL.
Tel: 0283 551050
Fax: 0283 551050

PEL Flexible Packaging,
Hearthcoat Road,
Boardman Ind. Est.,
Swindon,
Berkshire,
RG10 9DL.
Tel: 0283 551050
Fax: 0283 551050

PEL Flexible Packaging,
Hearthcoat Road,
Boardman Ind. Est.,
Swindon,
Berkshire,
RG10 9DL.
Tel: 0283 551050
Fax: 0283 551050

PEL Flexible Packaging,
Hearthcoat Road,
Board

AIR POLLUTION CONTROL
CMB Engineering, Chester Lane, Westhoughton, Bolton, BL5 3JL. Tel: 0924 815111. Fax: 0924 814953.

Kraftsudagen Heidelberg Pantiles Business Centre

Pantiles Chambers 83 High Street, Tunbridge Wells, Kent TN1 1YG. Tel: 0892 349933. Fax: 0892 520298. We have a proven solution, whatever your abatement problem.

AUTOMATIC COUNTING AND PACKAGING SYSTEMS

Podmire (Engineers) Ltd. Winton House, Stoke Road, Stoke on Trent, Staffs ST4 2UJ. Tel: 0782 45361. Access code: Podmire. Fax: 0782 740424.

AUTO SIDE & BOTTOM LOADING PACKAGING MACHINES

Cortex UK Ltd., PC112, Huddington, Cambs PE18 4HZ. Tel: 0480 455919. Fax: 0480 451520.

Europack Engineering Co. Limited.

Common Lane North, Beccles, Suffolk NR4 9BP. Tel: 0502 71640. Fax: 0502 716844.

BAG FILLING & CLOSING MACHINES

Petzold & Company, 51 The Mall, London W3 3TA. Tel: 081 567 9920. Fax: 080 46701. Contact: Nick Petzold. FA WEMA bag and reel-fed machines for powders and granules.

BAG FILLING & SEALING MACHINES

Souli Ltd., Unit 5, Enterprise House, Ashby Road, Coalville, Leics. LE12 5LA. Tel: 0502 510302. Fax: 0502 510970.

BAG LOADING MACHINERY

Petzold & Company, 51 The Mall, London W3 3TA. Tel: 081 567 9920. Fax: 080 46701. Contact: Nick Petzold. FA WEMA bag and reel-fed machines for powders and granules.

BAG SEALING EQUIPMENT

Hulme-Martin Ltd., 317 Guildford Road, Bisham, Woking, Surrey GU24 9BB. Tel: 0483 476767. Fax: 0483 486343.

BAG STITCHING MACHINES

Fischbeck, Unit E4, Northway Trading Estate, Tewkesbury, Glos. GL20 4JL. Tel: 0689 298182. Fax: 0684 296768. Newling Holland BV, Capronian 10, Postbus 75172, 1117 ZS Schiphol, The Netherlands. Tel: +31 (0) 20 6532350. Fax: +31 (0) 20 6532416.

The Thames Packaging Equipment Company, Senate House, Tysoe Street, Didcot, London OX2 2ND. Tel: 01254 71512. Fax: 01254 05599.

Tele: 2276 SENATE G

BALING PRESSES

Greenbank Compressors, The Old Piggery, Trinity Lane, Walham Cross, Herts EN8 7EP. Tel: 0924 636086. High quality balers and compactors for waste reduction.

BARCODE EQUIPMENT

Codeway Ltd., Codeway House, Telford Way, Coleherne CO4 4QP. Tel: 0366 751300. Fax: 0266 751286. Printers, Readers, Verifiers.

DETRON
DETROIT
3 Prince Rupert House, Cavalier Court, Bumpers Farm, Chippenham SN14 6LH. Tel: 0248 444685. Fax: 0249 443932.

BAR CODE LABELLING SYSTEMS

Alpha-Numeric Systems PLC, Alpha-Numeric House, Bourne End, Buckinghamshire MK8 5AC. Tel: 0628 810180. Fax: 0628 810157. Contact: Andrew Chevis ATMS Ltd., Aston Science Park, Love Lane, Birmingham B7 4HJ. Tel: 0121 3597407. Fax: 021 3594200.

INDUSTRIAL COMPUTER SYSTEMS

Industrial Computer Systems, Unit 10, Woxall Side, Carters Lane, Gudlarning, Surrey GU7 1LG. Tel: 0483 415999. Fax: 0483 415556.

Contact: Andrew Widgery. Suppliers of barcode software, labels, laser & thermal printers.

MAP 80 SYSTEMS LTD.

Unit 3, Kestrel Business Park, Kestrel Road, Finsbury Park, Wokingham, Berks RG1 4QQ. Tel: 081 731800. Fax: 0734 731900.

Labelling software /printers, hazard labelling, barcodes, readers, applicators, specialised labels & consumables.

MAP 80 SYSTEMS LTD.

Contact: Tim Davies at: DETRON, 3 Prince Rupert House, Cavalier Court, Bumpers Farm, Chippenham SN14 6LH. Tel: 0248 444685. Fax: 0249 443932.

BARCODE READERS

Leuze Electronic Ltd., Alington Road, St Neots, Cambs PE19 2RD. Tel: 0480 403900. Fax: 0480 403808.

DETROIT
DETROIT
3 Prince Rupert House, Cavalier Court, Bumpers Farm, Chippenham SN14 6LH. Tel: 0248 444685. Fax: 0249 443932.

BARCODE VERIFIERS

Bar Code Systems Ltd., Nilon House, Riverside Industrial Estate, Dordord, Kent DA1 5BY. Tel: 0322 272331. Fax: 0322 270692.

BLISTER PACKAGING MACHINES

Anchor Plastics Machinery, Summerhouse Lane, Hatfield, Herts, SG17 0HU. Tel: 099 582 4301. Fax: 089 582 5344.

BOTTLE SIZE INSPECTION EQUIPMENT

System E Controls Ltd., Upper Grove Street, Leamington Spa, Warwickshire CV32 5AN. Tel: 0247 492356. Fax: 0247 493141.

CARTON MACHINERY MANUFACTURERS

Jacob White (Packaging) Ltd., 380 Richmond Road, Kingston upon Thames, Surrey KT2 5PR. Tel: 0181 2824956. Tel: 081 549 0999. Fax: 081 549 0107. Contact: Judith Green.

CARTON OVERWRAPPING MACHINERY

Burnley Packaging Machinery Ltd., Crompton Road, Bury, Lancs BB1 5SH. Tel: 0282 831733. Fax: 0282 832403.

CAPPING MACHINES

EDL (Packaging Engineering) Limited, EDL, Pannavac, Upcott Avenue, Pottington Ind. Estate, Barnstaple, N. Devon EX31 1NE. Tel: 0271 45351. Fax: 0782 744024.

CARTON OVERWRAPPING MACHINERY

EDL (Packaging Engineering) Limited, EDL, Pannavac, Upcott Avenue, Pottington Ind. Estate, Barnstaple, N. Devon EX31 1NE. Tel: 0271 45351. Fax: 0782 744024.

CARTON OVERWRAPPING MACHINERY

EDL (Packaging Engineering) Limited, EDL, Pannavac, Upcott Avenue, Pottington Ind. Estate, Barnstaple, N. Devon EX31 1NE. Tel: 0271 45351. Fax: 0782 744024.

CARTON OVERWRAPPING MACHINERY

EDL (Packaging Engineering) Limited, EDL, Pannavac, Upcott Avenue, Pottington Ind. Estate, Barnstaple, N. Devon EX31 1NE. Tel: 0271 45351. Fax: 0782 744024.

CARTON OVERWRAPPING MACHINERY

EDL (Packaging Engineering) Limited, EDL, Pannavac, Upcott Avenue, Pottington Ind. Estate, Barnstaple, N. Devon EX31 1NE. Tel: 0271 45351. Fax: 0782 744024.

CARTON OVERWRAPPING MACHINERY

EDL (Packaging Engineering) Limited, EDL, Pannavac, Upcott Avenue, Pottington Ind. Estate, Barnstaple, N. Devon EX31 1NE. Tel: 0271 45351. Fax: 0782 744024.

CARTON OVERWRAPPING MACHINERY

EDL (Packaging Engineering) Limited, EDL, Pannavac, Upcott Avenue, Pottington Ind. Estate, Barnstaple, N. Devon EX31 1NE. Tel: 0271 45351. Fax: 0782 744024.

CARTON OVERWRAPPING MACHINERY

EDL (Packaging Engineering) Limited, EDL, Pannavac, Upcott Avenue, Pottington Ind. Estate, Barnstaple, N. Devon EX31 1NE. Tel: 0271 45351. Fax: 0782 744024.

CARTON OVERWRAPPING MACHINERY

EDL (Packaging Engineering) Limited, EDL, Pannavac, Upcott Avenue, Pottington Ind. Estate, Barnstaple, N. Devon EX31 1NE. Tel: 0271 45351. Fax: 0782 744024.

CARTON OVERWRAPPING MACHINERY

EDL (Packaging Engineering) Limited, EDL, Pannavac, Upcott Avenue, Pottington Ind. Estate, Barnstaple, N. Devon EX31 1NE. Tel: 0271 45351. Fax: 0782 744024.

CARTON OVERWRAPPING MACHINERY

EDL (Packaging Engineering) Limited, EDL, Pannavac, Upcott Avenue, Pottington Ind. Estate, Barnstaple, N. Devon EX31 1NE. Tel: 0271 45351. Fax: 0782 744024.

CARTON OVERWRAPPING MACHINERY

EDL (Packaging Engineering) Limited, EDL, Pannavac, Upcott Avenue, Pottington Ind. Estate, Barnstaple, N. Devon EX31 1NE. Tel: 0271 45351. Fax: 0782 744024.

CARTON OVERWRAPPING MACHINERY

EDL (Packaging Engineering) Limited, EDL, Pannavac, Upcott Avenue, Pottington Ind. Estate, Barnstaple, N. Devon EX31 1NE. Tel: 0271 45351. Fax: 0782 744024.

CARTON OVERWRAPPING MACHINERY

EDL (Packaging Engineering) Limited, EDL, Pannavac, Upcott Avenue, Pottington Ind. Estate, Barnstaple, N. Devon EX31 1NE. Tel: 0271 45351. Fax: 0782 744024.

CARTON OVERWRAPPING MACHINERY

EDL (Packaging Engineering) Limited, EDL, Pannavac, Upcott Avenue, Pottington Ind. Estate, Barnstaple, N. Devon EX31 1NE. Tel: 0271 45351. Fax: 0782 744024.

CARTON OVERWRAPPING MACHINERY

EDL (Packaging Engineering) Limited, EDL, Pannavac, Upcott Avenue, Pottington Ind. Estate, Barnstaple, N. Devon EX31 1NE. Tel: 0271 45351. Fax: 0782 744024.

CARTON OVERWRAPPING MACHINERY

EDL (Packaging Engineering) Limited, EDL, Pannavac, Upcott Avenue, Pottington Ind. Estate, Barnstaple, N. Devon EX31 1NE. Tel: 0271 45351. Fax: 0782 744024.

CARTON OVERWRAPPING MACHINERY

EDL (Packaging Engineering) Limited, EDL, Pannavac, Upcott Avenue, Pottington Ind. Estate, Barnstaple, N. Devon EX31 1NE. Tel: 0271 45351. Fax: 0782 744024.

CARTON OVERWRAPPING MACHINERY

EDL (Packaging Engineering) Limited, EDL, Pannavac, Upcott Avenue, Pottington Ind. Estate, Barnstaple, N. Devon EX31 1NE. Tel: 0271 45351. Fax: 0782 744024.

CARTON OVERWRAPPING MACHINERY

EDL (Packaging Engineering) Limited, EDL, Pannavac, Upcott Avenue, Pottington Ind. Estate, Barnstaple, N. Devon EX31 1NE. Tel: 0271 45351. Fax: 0782 744024.

CARTON OVERWRAPPING MACHINERY

EDL (Packaging Engineering) Limited, EDL, Pannavac, Upcott Avenue, Pottington Ind. Estate, Barnstaple, N. Devon EX31 1NE. Tel: 0271 45351. Fax: 0782 744024.

CARTON OVERWRAPPING MACHINERY

EDL (Packaging Engineering) Limited, EDL, Pannavac, Upcott Avenue, Pottington Ind. Estate, Barnstaple, N. Devon EX31 1NE. Tel: 0271 45351. Fax: 0782 744024.

CARTON OVERWRAPPING MACHINERY

EDL (Packaging Engineering) Limited, EDL, Pannavac, Upcott Avenue, Pottington Ind. Estate, Barnstaple, N. Devon EX31 1NE. Tel: 0271 45351. Fax: 0782 744024.

CARTON OVERWRAPPING MACHINERY

EDL (Packaging Engineering) Limited, EDL, Pannavac, Upcott Avenue, Pottington Ind. Estate, Barnstaple, N. Devon EX31 1NE. Tel: 0271 45351. Fax: 0782 744024.

CARTON OVERWRAPPING MACHINERY

EDL (Packaging Engineering) Limited, EDL, Pannavac, Upcott Avenue, Pottington Ind. Estate, Barnstaple, N. Devon EX31 1NE. Tel: 0271 45351. Fax: 0782 744024.

CARTON OVERWRAPPING MACHINERY

EDL (Packaging Engineering) Limited, EDL, Pannavac, Upcott Avenue, Pottington Ind. Estate, Barnstaple, N. Devon EX31 1NE. Tel: 0271 45351. Fax: 0782 744024.

CARTON OVERWRAPPING MACHINERY

EDL (Packaging Engineering) Limited, EDL, Pannavac, Upcott Avenue, Pottington Ind. Estate, Barnstaple, N. Devon EX31 1NE. Tel: 0271 45351. Fax: 0782 744024.

CARTON OVERWRAPPING MACHINERY



Contact: Tim Davies at:
DETRON

3 Prince Rupert House

Cavalier Court, Bumpers Farm,

Chippingham SH14 6LH

Tel: 0249 44688 Fax: 0249 443932

GBE Lerner-Burgess Ltd.,
(A GBE International PLC
Company)

Fleming Road, Hinckley,

Le10 3DU.

Tel: 0505 613888

Fax: 0505 618538

Gestec Industrial Ltd.,

Skipton.

Tel: 0786 61704

The 77764

Fax: 0786 704048

HERMA Labelling Systems,

The Hollands Centre,

Hollands Road, Haverhill,

Suffolk CB9 9JF.

Tel: 0440 43366

Fax: 0440 706834

Europe's No. 1 selling range of semi & fully automatic labelling machines.

Image UK Ltd.,

Image House, Lightfoot Street,

Ch12 3AJ.

Tel: 0241 350732

Fax: 024 35073

Ink jet coding systems for sale, rental and servicing.

Multivac UK Ltd.,

Multivac House,

Riverside Drive,

Riverside,

Swindon, SN5 7UY.

Tel: 0793 616416

Fax: 0793 616219

Contact: Mark Webb.

sole distributor of MR semi-fully automatic self-adhesive labelling systems.

PM Division,

G.E.L. Filling, Capping &

Labelling Ltd.,

Hinewood Estate,

Ashford, Kent TN4 8DS.

Tel: 0233 629161

Fax: 0233 399360

Williams Services Ltd.,

The Ebor Press,

Huntington Road,

Carshill Lane, Godalming

Surrey GU17 1LG.

Tel: 0483 151999

Fax: 0483 151556

Contact: Andrew Wigdery

Suppliers of labelling

software, PCs, laser and

thermal printers and labels.

Walsall Labelling Systems,

P.O. Box 26,

Walsall WS1 3QL.

Tel: 0822 721102

Fax: 0822 721291

**LABELLING
MACHINERY/AUTOMATIC**

A.C.L.,

24 Partridge Piece, Cranfield,

Beds MK4 0BP.

Tel: 0234 750591

Fax: 0234 750591

Suppliers of s/ applicators & a

range of label printers

Avery Dennison,

Thomas Road,

Worboys Green

High Wycombe

Bucks HP10 0PE.

Tel: 0628 859500

Fax: 0628 859599

Contact: N. Donaldson

Harland Machine Systems

Limited

Hedgehog House,

2 Michigan Avenue,

Broadway, Silford,

Greater Manchester

Tel: 061 848 0622

Fax: 061 872 1547

Contact: Mr D. Dunleavy.

HERMA

Europe's No. 1 selling range of semi and fully automatic labelling machines.

For details of the fastest selling and most comprehensive range of self-adhesive labelling equipment available in the UK contact:

HERMA Labeling Systems

The Hollands Centre, Bumpers Farm

Hawthorn, Suffolk, CO9 8PR

Tel: 0140 833684 Fax: 0140 706884

**LOGOPAK
INTERNATIONAL LTD.**,
York, YO3 8XF.

Tel: 0904 692333

Fax: 0904 690728

Newman Labelling Machines

Ltd.,

Queens Road,

Barnet,

Herts, EN5 4DL.

Tel: 081 440 0044

Fax: 081 263642

Fax: 081 449 2890

Contact: Mr John Clayton

Managing Director

LIVE FEEDING EQUIPMENT

Gestec Industrial Ltd.,

Stirling,

Tel: 0786 61704

Fax: 077764

Contact: Mr John Clayton

Managing Director

Spanprint

1

Darlington Rd,

Northallerton,

N. Yorkshire

DL7 8UA.

Tel: 0693 780333

Fax: 0693 780423

Willlet,

1 Cronin Road,

Weldin South Industrial

Estate, Coalby,

Nonthorpe NNN18 8AQ.

Tel: 0536 400777

Fax: 0536 400886

**LABELLING MACHINERY/
SEMI-AUTOMATIC**

Forum Engineering Services

Ltd.,

Bombay St,

Southgate Park Rd,

London NW10 4JU.

Tel: 081 727 4627

Fax: 081 727 4629

Contact: A.R. Bell

**MANUFACTURERS OF
IMPULSE, CONSTANT HEAT,
PNEUMATIC**

Star Universal (Gospert) Ltd.,

Unit Two,

Clarendon Wharf Estate,

Munby Road,

Gosport,

Hants PO2 1AJ.

Tel: 0705 511731

Fax: 0705 511731

Contact: R.J. Allen

MARKING & CODING

Alpha Dot Ltd.,

Unit 3,

Hollow Down Road,

London NW10 4JU.

Tel: 081 560 2224

Fax: 081 560 8774

Contact: Pauline

Ward

LABELLING SYSTEMS

Bacode Systems Ltd.,

Nikon House,

380 Richmond Road,

Ringside, Surrey KT2 5PR.

Tel: 0786 717047

Fax: 0786 717047

Contact: Tim Davies at:
DETRON

3 Prince Rupert House

Cavalier Court, Bumpers Farm,

Chippingham SH14 6LH

Tel: 0249 44688 Fax: 0249 443932

**THE WORLD'S LARGEST
CODING COMPANY**

VIDEOJET

INKJET & LASER

VIDEOJET SYSTEMS

Domino UK Limited

Leaders in Ink Jet Printing

Ber Hill

Cambridge CB3 8TU

Tel: 01223 782557

Fax: 01223 782557

Contact: Mr Alan Russell

Internal Sales Manager

MARKPOINT

INK JET CODERS

LABELLING SYSTEMS

THE TOTAL SOLUTION

Markpoint (UK) Limited

Quality Works,

Mallet Machinery Ltd.,
Hill Road,
Parkgate Ind. Est., Knutsford,
Cheshire WA16 8JX.
Tel: 0161 753556
Fax: 0161 753557
Also suppliers of:
Zero Speed Splicers
Altech State Eliminators Ltd.,
Burford House,
15 Thorney Leys Business
Park, Witney,
Oxon OX8 5JP.
Tel: 0993 767000
Fax: 0993 779977
NV Tools Printing Equipment
Limited,
St. James Road,
Brentwood,
Essex CM14 4LL.
Tel: 0277 214455
Fax: 0993 99432
Text: 0277 237341

W.L.T. Limited
Since exclusive distributor
261 Thorpe Road,
Bradford,
West Yorkshire BD1 2JL.
Tel: 0274 381688
Text: 0161 76722
Fax: 0274 788168

STENCILLING EQUIPMENT
D.R. Marking Co. Ltd.,
47A College Road, Buxton,
Kens 391 1043
Fax: 081 460 7067
Contact: Steven Leonard.

STRETCH SLEEVE
MANUFACTURING MACHINES
CM Machinery
50 Seagoe Ind Estate
Craignavon
Co. Armagh
NI Ireland BT63 3QA
Tel: 0762 333341
Fax: 0762 330915
Contact: K. Moffat
Manufacturers of slitting,
sheeting, stacking, winding
equipment for use in line with
process machinery or free
standing. Standard and
purpose built machines
available as well as provide
full service support.

STRAPPING EQUIPMENT
C.G. Automation Limited,
8 Highmead Road,
Leicester LE7 7LZ.
Tel: 0533 760200
Fax: 0533 760200
Contact: Mr Mike Deans

STRAPCO U.K. Ltd.,
Holden Road,
Wilson,
Birkenhead B6 7EP.
Tel: 021 356 6264
Fax: 021 356 7826

United Packaging plc.,
Wharfside Road,

Euroway Trading Estate,
Bradford, West Yorkshire
BD4 6SG.

Tel: 021 356 65130
Fax: 021 686 168

TAMPER EVIDENT SEALING
EQUIPMENT

Graham Labelling Systems
Ltd.,

Hallworks, Church Road,

Brighton, East Sussex

ESSEX CO7 0RZ

Tel: 0206 304982
Fax: 0206 304313

Text: 01832 478460

Fax: 0206 304982

TAPE SELF-ADHESIVE
APPLYING MACHINES

Thompson Automation Ltd.,

York Road Industrial Park,

York Road, Malton,

North Yorkshire YO1 0TE.

Tel: 0653 69228

Fax: 0653 692426

Contact: Mr Ian Singleton

TESTING EQUIPMENT
(TEXTILE, COMPRESSION,
FLEXURE)

Lloyd Instruments Ltd.,

Whittle Avenue,

Sugsworth West, Farsham,

Hants PO15 5SH.

Tel: 0499 574221
Fax: 0499 885118

STRETCH WRAPPING MACHINERY

EDL Packaging Eng. Ltd.,

EDL Paravac,

Upcott Avenue,

Pottington Ind. Estate,

Barnstaple

N. Devon EX31 1NE.

Tel: 021 356 6246

Fax: 021 356 7826

Text: 021 356 7826

Fax: 021 356 7826

Malrite Machinery Ltd., Haig Road, Parkgate Ind. Est., Knutsford, Cheshire WA16 8LX. Tel: 0856 755356. Fax: 0856 755357. Also supplies of Zero Speed Splicers.

Meech Static Eliminators Ltd., Burford House, 15 Thorney Leys Business Park, Witney, Oxon OX8 8JF. Tel: 0893 760700. Fax: 0993 776977. NV Tools Printing Equipment Limited, St. James Road, Brentwood, Essex CM1 4L1. Tel: 0277 21455. Fax: 0277 227341.

W.L.T. Limited Since exclusive distributor 260 Thornton Road, Bradford, West Yorkshire BD1 2LB. Tel: 0274 381638. Fax: 01772 76195.

STENCILLING EQUIPMENT D.R. Mercking Co. Ltd., 42a College Road, Bromley, Kent BR1 3PU. Tel: 081 464 1043. Fax: 081 460 7067. Contact: Steven Leonard.

STRETCH SLEEVES MANUFACTURING MACHINERY CM Machinery 50 Seagoe Ind Estate, Craigavon, Co Armagh N Ireland BT6 3QA. Tel: 0762 333341. Fax: 0762 330915. Contact: K. Moles. Manufacturers of slitting, sheeting, stacking, winding equipment for use in line with process machinery or free standing. Standard and purpose built machine specification can be catered for.

STRAPPING EQUIPMENT C.G. Automation Limited, 8 Highmeare Road, Leicester LE4 7LZ. Tel: 0533 760206. Fax: 0533 742995. P.C. Ltd., Brigg Road, Scunthorpe, South Humberside DN16 1AF. Hand tools, semi and automatic machines, custom built strapping and handling systems. Tel: 024 856592. Fax: 024 856596. Contact: Mc Mill Deans.

Gardian Strapping Ltd., Brunel Road, Basingstoke, Hampshire, RG21 2JX. Tel: 01254 840102. Fax: 01254 85987. Lowco Palletisation & Load Security Ltd., Lawco House, Vauxhall Road, Liverpool L69 3AU. Tel: 0151 227 1212. Fax: 051 227 9700. Lawco Palletisation & Load Security offer effective and reliable system for palletising and securing bulk loads. We will survey, advise and recommend the optimum solution, as well as provide full service support.

Pelsack Industries Ltd., Cornwall Estate, Maidenhead, Berkshire, SL6 7DR. Tel: 0628 26381. Fax: 0628 81289. Propack Automation Ltd., Bins Close, Birrington Avenue, Coventry, CV4 9TB. For KIENER collation strapping equipment. Tel: 0203 470074. The 51660 PROPACK. Fax: 0203 471190.

STRAPPING EQUIPMENT C.G. Automation Limited, 8 Highmeare Road, Leicester LE4 7LZ. Tel: 0533 742995. P.C. Ltd., Brigg Road, Scunthorpe, South Humberside DN16 1AF. Hand tools, semi and automatic machines, custom built strapping and handling systems. Tel: 024 856592. Fax: 024 856596. Contact: Mc Mill Deans.

Gardian Strapping Ltd., Brunel Road, Basingstoke, Hampshire, RG21 2JX. Tel: 01254 840102. Fax: 01254 85987. Lowco Palletisation & Load Security Ltd., Lawco House, Vauxhall Road, Liverpool L69 3AU. Tel: 0151 227 1212. Fax: 051 227 9700. Lawco Palletisation & Load Security offer effective and reliable system for palletising and securing bulk loads. We will survey, advise and recommend the optimum solution, as well as provide full service support.

Opagpack Ltd., Unit B3, Third Avenue, Hethersett Road, Iring, KA2 8HQ. Tel: 0294 311911. Fax: 0294 311920. Haedools, semi and automatic machines, custom built strapping stations. Paled Industries Ltd., Cornwall Estate, Maidenhead, Berkshire, SL6 7DB. Tel: 0628 63681. Fax: 0628 781289.

TESTING EQUIPMENT (TENSILE, COMPRESSION, FLEXIBLE) Lloyd Instruments Ltd., White Avenue, Segensworth West, Farnham, Hants, PO15 5SH. Tel: 0489 574221. Fax: 0489 885118.

TESTING EQUIPMENT (PLASTICS, FILM BOARD) DAVENPORT, a division of Lloyd Instruments Ltd., Whittle Avenue, Segensworth West, Farnham, Hants, PO15 5SH. Tel: 021 356 6246. Fax: 021 356 7826.

STRETCH WRAPPING MACHINERY EDL Packaging Eng. Ltd., EDL Parnavas, Upton Avenue, Pontington Ind. Estate, Barnsley, N. Devon EX3 1NE. Tel: 021 356 4351. Fax: 4677. Fax: 0271 72865.

STRETCH SLEEVES MANUFACTURING MACHINERY CM Machinery 50 Seagoe Ind Estate, Craigavon, Co Armagh N Ireland BT6 3QA. Tel: 0762 333341. Fax: 0762 330915. Contact: K. Moles. Manufacturers of slitting, sheeting, stacking, winding equipment for use in line with process machinery or free standing. Standard and purpose built machine specification can be catered for.

STRAPPING EQUIPMENT C.G. Automation Limited, 8 Highmeare Road, Leicester LE4 7LZ. Tel: 0533 742995. P.C. Ltd., Brigg Road, Scunthorpe, South Humberside DN16 1AF. Hand tools, semi and automatic machines, custom built strapping and handling systems. Tel: 024 856592. Fax: 024 856596. Contact: Mc Mill Deans.

Gardian Strapping Ltd., Brunel Road, Basingstoke, Hampshire, RG21 2JX. Tel: 01254 840102. Fax: 01254 85987. Lowco Palletisation & Load Security Ltd., Lawco House, Vauxhall Road, Liverpool L69 3AU. Tel: 0151 227 1212. Fax: 051 227 9700. Lawco Palletisation & Load Security offer effective and reliable system for palletising and securing bulk loads. We will survey, advise and recommend the optimum solution, as well as provide full service support.

Opagpack Ltd., Unit B3, Third Avenue, Hethersett Road, Iring, KA2 8HQ. Tel: 0294 311911. Fax: 0294 311920. Haedools, semi and automatic machines, custom built strapping stations. Paled Industries Ltd., Cornwall Estate, Maidenhead, Berkshire, SL6 7DB. Tel: 0628 63681. Fax: 0628 781289.

TESTING EQUIPMENT (PLASTICS, FILM BOARD) DAVENPORT, a division of Lloyd Instruments Ltd., Whittle Avenue, Segensworth West, Farnham, Hants, PO15 5SH. Tel: 0489 574221. Fax: 0489 885118.

TESTING EQUIPMENT (PLASTICS, FILM BOARD) DAVENPORT, a division of Lloyd Instruments Ltd., Whittle Avenue, Segensworth West, Farnham, Hants, PO15 5SH. Tel: 0489 574221. Fax: 0489 885118.

TESTING EQUIPMENT (PLASTICS, FILM BOARD) DAVENPORT, a division of Lloyd Instruments Ltd., Whittle Avenue, Segensworth West, Farnham, Hants, PO15 5SH. Tel: 0489 574221. Fax: 0489 885118.

TESTING EQUIPMENT (PLASTICS, FILM BOARD) DAVENPORT, a division of Lloyd Instruments Ltd., Whittle Avenue, Segensworth West, Farnham, Hants, PO15 5SH. Tel: 0489 574221. Fax: 0489 885118.

TESTING EQUIPMENT (PLASTICS, FILM BOARD) DAVENPORT, a division of Lloyd Instruments Ltd., Whittle Avenue, Segensworth West, Farnham, Hants, PO15 5SH. Tel: 0489 574221. Fax: 0489 885118.

TESTING EQUIPMENT (PLASTICS, FILM BOARD) DAVENPORT, a division of Lloyd Instruments Ltd., Whittle Avenue, Segensworth West, Farnham, Hants, PO15 5SH. Tel: 0489 574221. Fax: 0489 885118.

TESTING EQUIPMENT (PLASTICS, FILM BOARD) DAVENPORT, a division of Lloyd Instruments Ltd., Whittle Avenue, Segensworth West, Farnham, Hants, PO15 5SH. Tel: 0489 574221. Fax: 0489 885118.

TESTING EQUIPMENT (PLASTICS, FILM BOARD) DAVENPORT, a division of Lloyd Instruments Ltd., Whittle Avenue, Segensworth West, Farnham, Hants, PO15 5SH. Tel: 0489 574221. Fax: 0489 885118.

TESTING EQUIPMENT (PLASTICS, FILM BOARD) DAVENPORT, a division of Lloyd Instruments Ltd., Whittle Avenue, Segensworth West, Farnham, Hants, PO15 5SH. Tel: 0489 574221. Fax: 0489 885118.

TESTING EQUIPMENT (PLASTICS, FILM BOARD) DAVENPORT, a division of Lloyd Instruments Ltd., Whittle Avenue, Segensworth West, Farnham, Hants, PO15 5SH. Tel: 0489 574221. Fax: 0489 885118.

TESTING EQUIPMENT (PLASTICS, FILM BOARD) DAVENPORT, a division of Lloyd Instruments Ltd., Whittle Avenue, Segensworth West, Farnham, Hants, PO15 5SH. Tel: 0489 574221. Fax: 0489 885118.

TESTING EQUIPMENT (PLASTICS, FILM BOARD) DAVENPORT, a division of Lloyd Instruments Ltd., Whittle Avenue, Segensworth West, Farnham, Hants, PO15 5SH. Tel: 0489 574221. Fax: 0489 885118.

TESTING EQUIPMENT (PLASTICS, FILM BOARD) DAVENPORT, a division of Lloyd Instruments Ltd., Whittle Avenue, Segensworth West, Farnham, Hants, PO15 5SH. Tel: 0489 574221. Fax: 0489 885118.

TESTING EQUIPMENT (PLASTICS, FILM BOARD) DAVENPORT, a division of Lloyd Instruments Ltd., Whittle Avenue, Segensworth West, Farnham, Hants, PO15 5SH. Tel: 0489 574221. Fax: 0489 885118.

TESTING EQUIPMENT (PLASTICS, FILM BOARD) DAVENPORT, a division of Lloyd Instruments Ltd., Whittle Avenue, Segensworth West, Farnham, Hants, PO15 5SH. Tel: 0489 574221. Fax: 0489 885118.

TESTING EQUIPMENT (PLASTICS, FILM BOARD) DAVENPORT, a division of Lloyd Instruments Ltd., Whittle Avenue, Segensworth West, Farnham, Hants, PO15 5SH. Tel: 0489 574221. Fax: 0489 885118.

TESTING EQUIPMENT (PLASTICS, FILM BOARD) DAVENPORT, a division of Lloyd Instruments Ltd., Whittle Avenue, Segensworth West, Farnham, Hants, PO15 5SH. Tel: 0489 574221. Fax: 0489 885118.

TESTING EQUIPMENT (PLASTICS, FILM BOARD) DAVENPORT, a division of Lloyd Instruments Ltd., Whittle Avenue, Segensworth West, Farnham, Hants, PO15 5SH. Tel: 0489 574221. Fax: 0489 885118.

TESTING EQUIPMENT (PLASTICS, FILM BOARD) DAVENPORT, a division of Lloyd Instruments Ltd., Whittle Avenue, Segensworth West, Farnham, Hants, PO15 5SH. Tel: 0489 574221. Fax: 0489 885118.

TESTING EQUIPMENT (PLASTICS, FILM BOARD) DAVENPORT, a division of Lloyd Instruments Ltd., Whittle Avenue, Segensworth West, Farnham, Hants, PO15 5SH. Tel: 0489 574221. Fax: 0489 885118.

TESTING EQUIPMENT (PLASTICS, FILM BOARD) DAVENPORT, a division of Lloyd Instruments Ltd., Whittle Avenue, Segensworth West, Farnham, Hants, PO15 5SH. Tel: 0489 574221. Fax: 0489 885118.

TESTING EQUIPMENT (PLASTICS, FILM BOARD) DAVENPORT, a division of Lloyd Instruments Ltd., Whittle Avenue, Segensworth West, Farnham, Hants, PO15 5SH. Tel: 0489 574221. Fax: 0489 885118.

TESTING EQUIPMENT (PLASTICS, FILM BOARD) DAVENPORT, a division of Lloyd Instruments Ltd., Whittle Avenue, Segensworth West, Farnham, Hants, PO15 5SH. Tel: 0489 574221. Fax: 0489 885118.

TESTING EQUIPMENT (PLASTICS, FILM BOARD) DAVENPORT, a division of Lloyd Instruments Ltd., Whittle Avenue, Segensworth West, Farnham, Hants, PO15 5SH. Tel: 0489 574221. Fax: 0489 885118.

TESTING EQUIPMENT (PLASTICS, FILM BOARD) DAVENPORT, a division of Lloyd Instruments Ltd., Whittle Avenue, Segensworth West, Farnham, Hants, PO15 5SH. Tel: 0489 574221. Fax: 0489 885118.

TESTING EQUIPMENT (PLASTICS, FILM BOARD) DAVENPORT, a division of Lloyd Instruments Ltd., Whittle Avenue, Segensworth West, Farnham, Hants, PO15 5SH. Tel: 0489 574221. Fax: 0489 885118.

TESTING EQUIPMENT (PLASTICS, FILM BOARD) DAVENPORT, a division of Lloyd Instruments Ltd., Whittle Avenue, Segensworth West, Farnham, Hants, PO15 5SH. Tel: 0489 574221. Fax: 0489 885118.

TESTING EQUIPMENT (PLASTICS, FILM BOARD) DAVENPORT, a division of Lloyd Instruments Ltd., Whittle Avenue, Segensworth West, Farnham, Hants, PO15 5SH. Tel: 0489 574221. Fax: 0489 885118.

TESTING EQUIPMENT (PLASTICS, FILM BOARD) DAVENPORT, a division of Lloyd Instruments Ltd., Whittle Avenue, Segensworth West, Farnham, Hants, PO15 5SH. Tel: 0489 574221. Fax: 0489 885118.

TESTING EQUIPMENT (PLASTICS, FILM BOARD) DAVENPORT, a division of Lloyd Instruments Ltd., Whittle Avenue, Segensworth West, Farnham, Hants, PO15 5SH. Tel: 0489 574221. Fax: 0489 885118.

TESTING EQUIPMENT (PLASTICS, FILM BOARD) DAVENPORT, a division of Lloyd Instruments Ltd., Whittle Avenue, Segensworth West, Farnham, Hants, PO15 5SH. Tel: 0489 574221. Fax: 0489 885118.

TESTING EQUIPMENT (PLASTICS, FILM BOARD) DAVENPORT, a division of Lloyd Instruments Ltd., Whittle Avenue, Segensworth West, Farnham, Hants, PO15 5SH. Tel: 0489 574221. Fax: 0489 885118.

TESTING EQUIPMENT (PLASTICS, FILM BOARD) DAVENPORT, a division of Lloyd Instruments Ltd., Whittle Avenue, Segensworth West, Farnham, Hants, PO15 5SH. Tel: 0489 574221. Fax: 0489 885118.

TESTING EQUIPMENT (PLASTICS, FILM BOARD) DAVENPORT, a division of Lloyd Instruments Ltd., Whittle Avenue, Segensworth West, Farnham, Hants, PO15 5SH. Tel: 0489 574221. Fax: 0489 885118.

TESTING EQUIPMENT (PLASTICS, FILM BOARD) DAVENPORT, a division of Lloyd Instruments Ltd., Whittle Avenue, Segensworth West, Farnham, Hants, PO15 5SH. Tel: 0489 574221. Fax: 0489 885118.

TESTING EQUIPMENT (PLASTICS, FILM BOARD) DAVENPORT, a division of Lloyd Instruments Ltd., Whittle Avenue, Segensworth West, Farnham, Hants, PO15 5SH. Tel: 0489 574221. Fax: 0489 885118.

TESTING EQUIPMENT (PLASTICS, FILM BOARD) DAVENPORT, a division of Lloyd Instruments Ltd., Whittle Avenue, Segensworth West, Farnham, Hants, PO15 5SH. Tel: 0489 574221. Fax: 0489 885118.

TESTING EQUIPMENT (PLASTICS, FILM BOARD) DAVENPORT, a division of Lloyd Instruments Ltd., Whittle Avenue, Segensworth West, Farnham, Hants, PO15 5SH. Tel: 0489 574221. Fax: 0489 885118.

TESTING EQUIPMENT (PLASTICS, FILM BOARD) DAVENPORT, a division of Lloyd Instruments Ltd., Whittle Avenue, Segensworth West, Farnham, Hants, PO15 5SH. Tel: 0489 574221. Fax: 0489 885118.

TESTING EQUIPMENT (PLASTICS, FILM BOARD) DAVENPORT, a division of Lloyd Instruments Ltd., Whittle Avenue, Segensworth West, Farnham, Hants, PO15 5SH. Tel: 0489 574221. Fax: 0489 885118.

TESTING EQUIPMENT (PLASTICS, FILM BOARD) DAVENPORT, a division of Lloyd Instruments Ltd., Whittle Avenue, Segensworth West, Farnham, Hants, PO15 5SH. Tel: 0489 574221. Fax: 0489 885118.

TESTING EQUIPMENT (PLASTICS, FILM BOARD) DAVENPORT, a division of Lloyd Instruments Ltd., Whittle Avenue, Segensworth West, Farnham, Hants, PO15 5SH. Tel: 0489 574221. Fax: 0489 885118.

TESTING EQUIPMENT (PLASTICS, FILM BOARD) DAVENPORT, a division of Lloyd Instruments Ltd., Whittle Avenue, Segensworth West, Farnham, Hants, PO15 5SH. Tel: 0489 574221. Fax: 0489 885118.

TESTING EQUIPMENT (PLASTICS, FILM BOARD) DAVENPORT, a division of Lloyd Instruments Ltd., Whittle Avenue, Segensworth West, Farnham, Hants, PO15 5SH. Tel: 0489 574221. Fax: 0489 885118.

TESTING EQUIPMENT (PLASTICS, FILM BOARD) DAVENPORT, a division of Lloyd Instruments Ltd., Whittle Avenue, Segensworth West, Farnham, Hants, PO15 5SH. Tel: 0489 574221. Fax: 0489 885118.

TESTING EQUIPMENT (PLASTICS, FILM BOARD) DAVENPORT, a division of Lloyd Instruments Ltd., Whittle Avenue, Segensworth West, Farnham, Hants, PO15 5SH. Tel: 0489 574221. Fax: 0489 885118.

TESTING EQUIPMENT (PLASTICS, FILM BOARD) DAVENPORT, a division of Lloyd Instruments Ltd., Whittle Avenue, Segensworth West, Farnham, Hants, PO15 5

Artes Tooling & Moulding Co.
Ltd.,
Bucklin Drive,
Wardlow Ind. Est., Wacetter,
Tel: 0905 754416
Fax: 0905 754475

Enrobing Limited
Row Head Mill
Far Common Road
Mifield West Yorkshire
WF4 0DG
Tel: 0924 496671/2
Fax: 0924 480257
Contact: M.W. Price
Supplying: The plasters,
brewery and paper industries

POLYTHENE BUILDING FILM

Vicker Polythene Products
Unit 6 Grandy Business Park,
Grandy Avenue,
Garrett Green
Birmingham, B33 0TJ
Tel: 021 608 4646
Fax: 021 608 7676

POLYTHENE COATING, LAMINATION & SLITTING

OP! Donaldsons Ltd.,
Suite 15, Egges House,
15 Station Road, Upminster,
Essex RM14 2S
Tel: 0708 251300
Fax: 0708 222824

POLYTHENE LAYFLAT TUBE

Sussex Polythene Limited,
(Extruders, Converters &
Printers)

Unit 3, New Wharf,
Brighton Road,
Shoreham-by-Sea
West Sussex BN4 6RE
Tel: 0273 455141
Fax: 0273 465630
Approval B55750 supplier.

PVC SHRINK SLEEVES

Smurfit Precision Labelling
Printing House,
Bridge Street, Wakefield,
West Yorkshire WF1 5JP
Tel: 0924 363911
Fax: 0924 390124

REINFORCED POLYETHYLENE FILMS


INDUSTRIAL TEXTILES & PLASTICS
Providence Mill, Huishville, York YO6 3SH
Tel: 0390 889167 Fax: 0390 885737
Wide range of reinforced polyethylene
films to any requirement
• Widths 95mm to over 300mm
• Thickness 15mm to 60mm
• Sheet 100mm to 400mm wide rolls
• Films Reinforced and Reinforced
Barrel Fall qualities also available

RAYON STRAPPING

Tyband Ltd.,
Unit 11, Marino Way,
Hogwood Lane 3rd Est.,
Flaxthampstead,
Berkshire RG14 4RF
Tel: 0744 731818
Fax: 0744 731898
Strapping and tying tape,
F.D.A. approved, very
versatile and environmentally
friendly

SELF ADHESIVE MATERIALS

Maguro Materials Ltd.,
The Self Adhesive Centre,
Globe Lane Ind. Est.,
Dukinfield,
Cheshire SK16 4UG
Tel: 061 343 1131
Fax: 061 343 1132

SELF ADHESIVE PRINTED TAPES

Limpet Tapes Ltd.,
Bond House,
9a George Street,
Huntingdon,
Cambs. PE18 6BD
Tel: 0480 451461
Fax: 0480 451439

SHRINK FILM POLYOLEFINS

ADPAK
A Division of CRYOVAC
Manufacturers of Polyethylene
and Polypropylene
Shrinkwrap equipment
No. 1 for
All Shrink Films
Shrinkwrapping Machinery
Flowwrapping Machinery
Stockists of
CRYOVAC®
Shrink Films
Tel: 0282-619200
Fax: 0282-612201

CRYOVAC
GRACE Packaging

POLYOLEFIN SHRINK FILMS

Cryovac W.R. Grace Ltd.,
Northgate House
North Circular Road
London NW10 7UH
Tel: 081 881 6840
Fax: 081 881 6840

Amalgamated Kempner
Group,
Authorised Distributor of
DU PONT CLYSAR
SHRINK FILMS.
198/500 Honeypot Lane,
Stannmore,
Middx. HA7 1JZ
Tel: 081 982 5262 (25 lines)
Fax: 081 982 8061

Ampli Packets Ltd.,
Bradford Court,
St Crispin Way, Haslingden,
Lancs BB14 1PW
Tel: 0708 222012
Fax: 0708 222602

Flimco Euroform,
Salter Lane,
Seckfield Co., Cleveland
Tel: 0740 21358
Fax: 0924 440686

SHRINK SLEEVES

Almac Services Ltd.,
Lodge Point, 251 Ash Road,
Aldershot,
Hants GU12 4DD
Tel: 0256 448938
Fax: 0256 448940
B55750 Approved
Manufacturer

Southdown Plastics Ltd.,
Unit 7-8 Maple Court,
Monson Trading Estate,
Worrington, Basingstoke,
Hampshire RG2 6NQ
Tel: 0256 843559
Fax: 0256 22565

Taco Mastics Ltd.,
Road One, Industrial Estate,
Wimford,
Cheshire CW3 3RD
Tel: 0606 593434
Fax: 0606 553134

SHRINK FILM PVC

LAPLOR® 501

Polyolefin Shrink Film

Soretrac U.K. Ltd.,
Concord House, Horwthorpe Road,
Newton Aycliffe, Co. Durham
DL5 8UD, England
Telephone: 0325 300 635
Telex: 0325 300 804

Wrapid
U.R. Distributors of
CRYOVAC®

Shrink Films
Wrapid Packaging Systems Ltd.,
Tel: (0274) 722290
Fax: (0274) 736195

B55750 Registered Stockist

Wrapid
U.R. Distributors of
CRYOVAC®

Shrink Films

Wrapid Packaging Systems Ltd.,
Tel: (0274) 722290
Fax: (0274) 736195

No. 1
Stockists of
All Shrink Films

Shrinkwrapping Machinery

CRYOVAC® Polyolefin

Tel: 0282-619200
Fax: 0282-612201

SORETRAC
Distributors & Stockists of

SURLYN®

OPP FILMS

Soretrac U.K. Ltd.,
Concord House, Horwthorpe Road,
Newton Aycliffe, Co. Durham
DL5 8UD, England
Telephone: 0325 300 635
Telex: 0325 300 804

SURETRAC
Distributors & Stockists of

Propafilm

OPP FILMS

Soretrac U.K. Ltd.,
Concord House, Horwthorpe Road,
Newton Aycliffe, Co. Durham
DL5 8UD, England
Telephone: 0325 300 635
Telex: 0325 300 804

SURETRAC
Distributors & Stockists of

Propafilm

OPP FILMS

Soretrac U.K. Ltd.,
Concord House, Horwthorpe Road,
Newton Aycliffe, Co. Durham
DL5 8UD, England
Telephone: 0325 300 635
Telex: 0325 300 804

SURETRAC
Distributors & Stockists of

Propafilm

OPP FILMS

Soretrac U.K. Ltd.,
Concord House, Horwthorpe Road,
Newton Aycliffe, Co. Durham
DL5 8UD, England
Telephone: 0325 300 635
Telex: 0325 300 804

SURETRAC
Distributors & Stockists of

Propafilm

OPP FILMS

Soretrac U.K. Ltd.,
Concord House, Horwthorpe Road,
Newton Aycliffe, Co. Durham
DL5 8UD, England
Telephone: 0325 300 635
Telex: 0325 300 804

SURETRAC
Distributors & Stockists of

Propafilm

OPP FILMS

Soretrac U.K. Ltd.,
Concord House, Horwthorpe Road,
Newton Aycliffe, Co. Durham
DL5 8UD, England
Telephone: 0325 300 635
Telex: 0325 300 804

SURETRAC
Distributors & Stockists of

Propafilm

OPP FILMS

Soretrac U.K. Ltd.,
Concord House, Horwthorpe Road,
Newton Aycliffe, Co. Durham
DL5 8UD, England
Telephone: 0325 300 635
Telex: 0325 300 804

SURETRAC
Distributors & Stockists of

Propafilm

OPP FILMS

Soretrac U.K. Ltd.,
Concord House, Horwthorpe Road,
Newton Aycliffe, Co. Durham
DL5 8UD, England
Telephone: 0325 300 635
Telex: 0325 300 804

SURETRAC
Distributors & Stockists of

Propafilm

OPP FILMS

Soretrac U.K. Ltd.,
Concord House, Horwthorpe Road,
Newton Aycliffe, Co. Durham
DL5 8UD, England
Telephone: 0325 300 635
Telex: 0325 300 804

SURETRAC
Distributors & Stockists of

Propafilm

OPP FILMS

Soretrac U.K. Ltd.,
Concord House, Horwthorpe Road,
Newton Aycliffe, Co. Durham
DL5 8UD, England
Telephone: 0325 300 635
Telex: 0325 300 804

SURETRAC
Distributors & Stockists of

Propafilm

OPP FILMS

Soretrac U.K. Ltd.,
Concord House, Horwthorpe Road,
Newton Aycliffe, Co. Durham
DL5 8UD, England
Telephone: 0325 300 635
Telex: 0325 300 804

SURETRAC
Distributors & Stockists of

Propafilm

OPP FILMS

Soretrac U.K. Ltd.,
Concord House, Horwthorpe Road,
Newton Aycliffe, Co. Durham
DL5 8UD, England
Telephone: 0325 300 635
Telex: 0325 300 804

SURETRAC
Distributors & Stockists of

Propafilm

OPP FILMS

Soretrac U.K. Ltd.,
Concord House, Horwthorpe Road,
Newton Aycliffe, Co. Durham
DL5 8UD, England
Telephone: 0325 300 635
Telex: 0325 300 804

SURETRAC
Distributors & Stockists of

Propafilm

OPP FILMS

Soretrac U.K. Ltd.,
Concord House, Horwthorpe Road,
Newton Aycliffe, Co. Durham
DL5 8UD, England
Telephone: 0325 300 635
Telex: 0325 300 804

SURETRAC
Distributors & Stockists of

Propafilm

OPP FILMS

Soretrac U.K. Ltd.,
Concord House, Horwthorpe Road,
Newton Aycliffe, Co. Durham
DL5 8UD, England
Telephone: 0325 300 635
Telex: 0325 300 804

SURETRAC
Distributors & Stockists of

Propafilm

OPP FILMS

Soretrac U.K. Ltd.,
Concord House, Horwthorpe Road,
Newton Aycliffe, Co. Durham
DL5 8UD, England
Telephone: 0325 300 635
Telex: 0325 300 804

SURETRAC
Distributors & Stockists of

Propafilm

OPP FILMS

Soretrac U.K. Ltd.,
Concord House, Horwthorpe Road,
Newton Aycliffe, Co. Durham
DL5 8UD, England
Telephone: 0325 300 635
Telex: 0325 300 804

SURETRAC
Distributors & Stockists of

Propafilm

Classified

Machinery Materials
Products Services

Rates:- Appointments £22.00 p.s.c.c.
Classified £20.00 p.s.c.c.
3 insertion rate £18.00 p.s.c.c.
6 insertion rate £17.00 p.s.c.c.
12 insertion rate £16.00 p.s.c.c.
Spot Colour £30.00 extra

Final date for copy for the June issue is Friday 20th
May. Advertisement copy to Jackie Skeel, Packaging News,
Maclean Hunter House, Chalk Lane, Cockfosters Road, Barnet,
Hertfordshire EN4 0BU

Welcome
TO THE BACK
PAGES
WITH WORDSWORTH CASH

Contract Packing Services

BAILEY + WILLIAMS INDUSTRIAL SERVICES



- HAND ASSEMBLY INSERTION
- SKIN PACK
- COLLATION - Q.C.
- LABELLING - RE LABELLING
- HAND PACKING
- DISTRIBUTION - MAILING
- SHRINK - BLISTER
- IMPORT & EXPORT SERVICE

5 MEADOWVIEW IND. EST., RANOS LANE, ARMTHORPE,
DONCASTER, S. YORKS. ENGLAND DN3 3DY

TEL: 0302 236 FAX: 0302 830237
MOBILE: 0831 639463

Ford Smith & Co. Ltd.

Felizlowe Road, Abbey Wood, London, SE2 9BG
Telephone 081-310 B127 Fax: 081-310 8583

Chemicals: manufacture, formulating, blending from pilot
scale to 25000 litres. Contract packing-sachets
(inc. water-soluble) and all sizes of bottles, drums, and containers.
Flow-wrapping of sachets and other goods.

26951

your contract
packing partner

Powders, Liquids and Tablets in any type of pack

• MAINSTREAM PRODUCTION

• SHORT RUNS

• NEW PRODUCT LAUNCHES

• RAPID RESPONSE

KLOCKNER PENTAPACK

Ring David Gele on
0858 841144 or Fax 841107

HURST PACKAGING SERVICES

Contract Packers •
• Shrinkwrapping •
• Polybagging •
• Overwrapping •
• Hand Girt Wrapping &
• Bow Tying

All forms of Contract Packing in
air conditioned packing areas for
sensitive products.

TEL: 081-760 9999
FAX: 081-681 5336

County House, 2/11 Queensway,
Croydon, Surrey, CR6 4RH

26952

An advertisement
this size can cost
as little as £64.00

Call Jackie Skeel
on 081-242 3156

Agents Wanted

In all areas of
the UK.

To sell a new range of

SHORT RUN CORRUGATED

BOX MAKING MACHINES

Please reply with relevant experience to:

Packaging News, Box 225
Maclean Hunter House,
Chalk Lane, Cockfosters Road
Barnet, Herts, EN4 0BU

26953

Coding Specialists

SPEEDRY PRODUCTS LTD

CODING SPECIALISTS

WHATEVER YOUR TYPE MAKE

YOUR DATE WITH US

We can satisfy your requirements for

rib backed date codes and type to suit.

ERCA

HASSIA

FINNAH ETC

INKED PADS, PRE-INKED PADS AND ROLLERS

DRY FELT PADS AND ALL TYPES OF CODING INKS

SPEEDRY PRODUCTS LTD.

6B THE BURGAGE
MARKET DRAYTON
SHROPSHIRE TF9 1EG

TEL: 0630 655400 FAX: 0630 654500

26954

PACKAGING NEWS/APRIL 1994

PACKAGING NEWS & CONVERTING WORLD WHERE TO BUY DIRECTORY

The most cost effective method of giving your business card to over 20,000 Packaging Buyers
Whether your products are large or small, unique or ubiquitous, make sure you are included at the earliest stage of negotiation.

An entry in the Where to Buy Directory costs as little as £25.00 per month.
Your first step is to complete the order form, or call Jackie Skeel on 081 242 3156

Stride Multicolour Limited
Milton Park Industrial Estate
Aldington Green, OX14 4SE
Tel: 0235 834 747
Fax: 0235 833 249
Tape/pad, Thermapac, foil
blocking, sealing. Also at
Goldthorpe (Yours).

SELF ADHESIVE LABEL PRINTERS

Delta Label Systems Ltd.,
Bassett Road,
Crost Business Park,
Bramborough,
Wirral,
L62 3QJ.
Tel: 051-334 9479
Fax: 051-29812
Fax: 051-334 8137

SHRINKWRAPPING

Caveller Services,
Cherry Court Way,
Stanbridge Road,
Linton Buzzard,
Bedfordshire,
LU7 0UH.
Tel: 0529 383636
Fax: 0529 370461
Fern Packaging Services,
County House,
2/11 Queensway,
Croydon,
Surrey, CR0 4RH.
Tel: 081-760 9899
Fax: 081-631 5336
JRS Packaging,
Unit 2,
Naunton Park Ind Estate,
Churchill Road,
Leckhampton, Cheltenham,
Glos. GL5 7EG.
Tel: 0242 226269
Fax: 0242 261954
Millway Packaging Group
12-16 Picliffe Way,
Upper Castle Street,
Bradford,
West Yorkshire BD5 7SG
Tel: (0274) 720019
Fax: (0274) 370132
Or
Unit 9
St. Andrew's Way Ind. Estate,
Bicester Road, Aylesbury,
Buckinghamshire HP19 3AF
Tel: (0296) 415771
Fax: (0296) 233681

Mayfax Print Packaging Ltd.,
Elm House,
Lydd Road,
New Romney,
Kent,
TN28 8HE.
Tel: 0679 64559/66126
Fax: 0679 67049
Reading Industrial Therapy
Organisation Ltd.,
Caversham, Reading, Berks.
Tel: 0734 481944

Total Packing Ltd.,
Unit 1, Newton Park,
West Parkway Industrial
Estate,
Andover, Hants. SP10 3LF
Contact: Michael Miles
Tel: 0264 334243
Fax: 0264 334119

SWING TICKETS

Spreckley & Evans
Nottingham Ltd.,
Arnold Road, Basford,
Nottingham NG6 0EZ.
Tel: 0603 781307
Fax: 0602 420213
Contact: Mr. Bob Macdonald

TRADE PROCESS PRINTING

Walter Cole & Co. Ltd.,
47-49 Tanner Street
Tower Bridge
London SE1 2PL
Tel: 071 407 8291
Fax: 071 357 7465
6 colour flexo 1000 metres -
100,000 metres

VACUUM FORMING

Albany Manufacturing Ltd.,
Unit 47 Rows Business Park,
Hay Hall Road,
Ticeley, Buntingford, BUCKS
Tel: 0751 490 1193
Also header cards/menus &
on real computer tickets.

THERMOFORMING

Eyrevar,
7-15 Hungerford Road,
Bridgwater, Bristol BS1 5HU.
Tel: 0272 515490
Fax: 0272 723593
Contact: Mr. P. Eyre

Aslon Packaging Ltd.,
62 Station Road, Haddenham
Bucks, HP8 1XQ.
Tel: 0353 740900
Fax: 0353 741365

SLEEVE APPLICATION

Millway Packaging Group
12-16 Picliffe Way,
Upper Castle Street,
Bradford,
West Yorkshire BD5 7SG
Tel: (0274) 720019
Fax: (0274) 370132
Or
Unit 4,
St. Andrew's Way Ind. Estate,
Bicester Road, Aylesbury,
Buckinghamshire HP19 3AF
Tel: (0296) 415771
Fax: (0296) 233681

Manufacturers of Hulme
Martin & Tavak Machines.

Total Packing Ltd.,
Unit 1, Newton Park,
West Parkway Industrial
Estate,
Andover, Hants. SP10 3LF
Contact: Michael Miles
Tel: 0264 334243
Fax: 0264 334119

SKIN PACKAGING

Avonvale Packaging Ltd.,
The Mill Works,
Kings Coughton, Aylesbury,
Warwickshire HP9 5QG
Tel: 0799 400360
Fax: 0799 400459

SLITTING & REWINDING

BALLINGER
RAWLINGS LTD.
Rawlins House, Elstree Road
Hertfordshire, Herts WD2 9ED
Tel: 0442 217055 Fax: 0442 60091
Specialist Service

THERMFORMING TOOL MAKERS

Alpha Products Ltd.,
Unit 1, Stafford Street,
Bedminster, Bristol BS3 4DA
Tel: 0272 635208
Fax: 0272 661089
Contact: R.E. Pratten
Mr. G. Coplin,
Parsons, Tools and C/F's to the
Thermforming Industry.

TRADING & REWINDING TRADE SERVICE

INPUT WIDTH TO 1200mm
OUTPUT WIDTHS FROM 150mm

BRISTOL LOCATION

TEL: 0272 770765

FAX: 0272 723042

WIRING

Progressive Packaging Ltd.,
Hart Street Maidstone, Kent.
Tel: 042 677151
Fax: 042 677576

STATIC CONTROL SERVICES

STATATTACK
Amerian International plc,
Amerian International Estate,
White Lion Road, Aylesbury,
Bucks, HP9 7LL
Tel: 0994 541040
Fax: 0994 543040

SWING TICKETS

Spreckley & Evans
Nottingham Ltd.,
Arnold Road, Basford,
Nottingham NG6 0EZ.
Tel: 0603 781307
Fax: 0602 420213
Contact: Mr. Bob Macdonald

CHARPAK LTD.

St. Neots Road,
Eaton Ford, St. Neots
Cambs. PE19 3AD
Tel: 0480 214908/217304
Fax: 0480 406004

VACUUM FORMING CASTINGS

Specialists in Design &
Manufacture of vacuum
formed packaging, contract
packers.

CHILTERN THERMOFORMING LIMITED

The Vale Industrial Centre,
Southern Road,
Aylesbury,
Bucks HP19 3EW
Tel: 0268 593101
Fax: 0268 392680

Delyn Packaging plc.

Carpethill,
Mid Glamorgan
CF8 2WL
Tel: 01656 498611
Fax: 01656 660010

VACUUM FORMING TOOL MAKERS

17 NEWMAN LANE, ALTON, HANTS GU34 2QR
TEL: 0320 834460 FAX: 0420 888113

VACUUM FORMING CUTTERS

Trade Cutting Forms Ltd.,
9G Tadpole Lea Ind. Estate
(North),
Tadpole Lea,
Stanley,
Buxton,
Derbyshire,
DE4 9JU.
Tel: 01633 280538
Fax: (01633) 278658
Contact: John Horne and
Dawn Edwards
Quality Surface Finished
Cuttters and a rapid delivery
service

VACUUM FORMING CUTTERS

12-16 Picliffe Way,
Upper Castle Street,
Bradford,
West Yorkshire BD5 7SG
Tel: (0274) 720019
Fax: (0274) 370132
Or
Unit 9,
St. Andrew's Way Ind. Estate,
Bicester Road, Aylesbury,
Buckinghamshire HP19 3AF
Tel: (0296) 415771
Fax: (0296) 233681

VACUUM FORMING CUTTERS

12-16 Picliffe Way,
Upper Castle Street,
Bradford,
West Yorkshire BD5 7SG
Tel: (0274) 720019
Fax: (0274) 370132
Or
Unit 9,
St. Andrew's Way Ind. Estate,
Bicester Road, Aylesbury,
Buckinghamshire HP19 3AF
Tel: (0296) 415771
Fax: (0296) 233681

VACUUM FORMING CUTTERS

12-16 Picliffe Way,
Upper Castle Street,
Bradford,
West Yorkshire BD5 7SG
Tel: (0274) 720019
Fax: (0274) 370132
Or
Unit 9,<br

Classified

Packaging and Converting Machinery for Sale

By Direction of the Liquidator
Charles McMillan, F.C.A. of
Leonard Curtis & Partners
TAPELINES LTD.
Suppliers of Adhesive and Industrial Tapes
OFFERS INVITED
For the comprehensive stock in trade
(Est. £80,000), Network Computer System,
Sage Software, Office Furniture, Goodwill
and the Company Name.
All enquiries to:

J R Parkinson Son and Hanier Auctions
The Auction Rooms, Rochdale Road, Bury, Lancs. BL9 7HH.
Tel: 061 761 1612 061 761 7372 Fax: 061 762 9310

MACHINERY FOR SALE

ACMA Sachat Lina, 100 ppm.
ANRITSU IP65 Metal Detector, 1993.
DELFORD SP400 Shrink Wrapper.
JACOB WHITE R500 Cartoner, 150 ppm.
MARDEN EDWARDS 4/12 Overwrapper.
OMORI ST60 Shrink Wrapper.
ROSE FORGROVE LFA2 Overwrapper.
SOCO Casa Tapera, various models.
SIG CK foil and band bar wrappers.
SIG SL horizontal, form fill and seal.
SIG SW high integrity seal, H.F.F.S.
SIG SB horizontal, form fill and seal.
SIG HSU & HSUS multipacks with auto-infeed.
Stainless Steel, Paddle Mixer, 800 litre capacity.

For further details on the above or any other equipment please contact our sales department on: Tel: 0932 789846 Fax: 0932 18130

162 Windmill Road West
Sunbury on Thames
Middlesex TW18 7HB
Tel: 0932 789846

Skerman

LINE EQUIPMENT
Specialist Reconditioners of
Packaging Machines

0 Experienced Service Engineers
0 24 Hour Cell Out Service
0 Heat Seal/Poly conversions
0 Holiday + Sickness Relief Work
0 PLC Control Conversions
0 All Work Guaranteed

We Turn Your Old Machines To New
Tel/Fax: 0773 810568 Mobile: 0880 350644

Paper and Film Converting Machines

The leading European specialist supplier of used converting machinery
Buying/selling/installation/commissioning/rebuilds

mannredfern UK
Tel 0924 25445 Fax 0924 256815 Telex 556247 Manred G

Shrinkwrap Services Ltd
SPECIALISTS IN RECONDITIONED
SHRINKWRAP EQUIPMENT. FULL
SERVICE & SPARES BACK UP

SEMI & AUTO L SEALER & TUNNELS
AUTO & SEMI AUTO SLEEVE SEAL SYSTEMS

CONTACT FRANK WILKINSON or TERRY MAGUIRE

0282 695918 Fax: 0282 603326

ALSO WANTED

USED SHRINK WRAP MACHINERY

ACTIVE
Packing
Machinery
Limited

FOR SALE
VACUUM FORMING
SHRINKWRAPPING

KIEPEL KLI SH IN LINE VACUUM
FORMER WITH STEEL DOLLY PRESS
HILL TOPPERS/DS065 IN LINE PRESS
SHRINKWRAPPING
SHRINK LINE 40 x 30 SINGLE HEAT SEMI
AUTO
SHRINK 3212, 30 x 20 SEMI AUTO
HILL TOPPERS/DS065 IN LINE PRESS
SHRINK 24 x 18 SEMI AUTO
SHRINK LINE 54" x 18 VACUUM PACKER
SHRINK LINE 54" x 18 VACUUM PACKER
SHRINK 12 x 10 STATION AUTO
SHRINK WRAPPING
PRESSES

SHRINK LINE 54" BOLTON PRESS
EDWARDS 29" BOLTON PRESS
HILL TOPPERS/DS065 IN LINE PRESS
SHRINK 24 x 18 VACUUM PACKER
SHRINK LINE 54" BOLTON PRESS
SHRINK WRAPPING
PRESSES

SHRINK LINE 54" BOLTON PRESS
EDWARDS 29" BOLTON PRESS
HILL TOPPERS/DS065 IN LINE PRESS
SHRINK 24 x 18 VACUUM PACKER
SHRINK LINE 54" BOLTON PRESS
SHRINK WRAPPING
PRESSES

SHRINK LINE 54" BOLTON PRESS
EDWARDS 29" BOLTON PRESS
HILL TOPPERS/DS065 IN LINE PRESS
SHRINK 24 x 18 VACUUM PACKER
SHRINK LINE 54" BOLTON PRESS
SHRINK WRAPPING
PRESSES

SHRINK LINE 54" BOLTON PRESS
EDWARDS 29" BOLTON PRESS
HILL TOPPERS/DS065 IN LINE PRESS
SHRINK 24 x 18 VACUUM PACKER
SHRINK LINE 54" BOLTON PRESS
SHRINK WRAPPING
PRESSES

SHRINK LINE 54" BOLTON PRESS
EDWARDS 29" BOLTON PRESS
HILL TOPPERS/DS065 IN LINE PRESS
SHRINK 24 x 18 VACUUM PACKER
SHRINK LINE 54" BOLTON PRESS
SHRINK WRAPPING
PRESSES

SHRINK LINE 54" BOLTON PRESS
EDWARDS 29" BOLTON PRESS
HILL TOPPERS/DS065 IN LINE PRESS
SHRINK 24 x 18 VACUUM PACKER
SHRINK LINE 54" BOLTON PRESS
SHRINK WRAPPING
PRESSES

SHRINK LINE 54" BOLTON PRESS
EDWARDS 29" BOLTON PRESS
HILL TOPPERS/DS065 IN LINE PRESS
SHRINK 24 x 18 VACUUM PACKER
SHRINK LINE 54" BOLTON PRESS
SHRINK WRAPPING
PRESSES

SHRINK LINE 54" BOLTON PRESS
EDWARDS 29" BOLTON PRESS
HILL TOPPERS/DS065 IN LINE PRESS
SHRINK 24 x 18 VACUUM PACKER
SHRINK LINE 54" BOLTON PRESS
SHRINK WRAPPING
PRESSES

SHRINK LINE 54" BOLTON PRESS
EDWARDS 29" BOLTON PRESS
HILL TOPPERS/DS065 IN LINE PRESS
SHRINK 24 x 18 VACUUM PACKER
SHRINK LINE 54" BOLTON PRESS
SHRINK WRAPPING
PRESSES

SHRINK LINE 54" BOLTON PRESS
EDWARDS 29" BOLTON PRESS
HILL TOPPERS/DS065 IN LINE PRESS
SHRINK 24 x 18 VACUUM PACKER
SHRINK LINE 54" BOLTON PRESS
SHRINK WRAPPING
PRESSES

SHRINK LINE 54" BOLTON PRESS
EDWARDS 29" BOLTON PRESS
HILL TOPPERS/DS065 IN LINE PRESS
SHRINK 24 x 18 VACUUM PACKER
SHRINK LINE 54" BOLTON PRESS
SHRINK WRAPPING
PRESSES

SHRINK LINE 54" BOLTON PRESS
EDWARDS 29" BOLTON PRESS
HILL TOPPERS/DS065 IN LINE PRESS
SHRINK 24 x 18 VACUUM PACKER
SHRINK LINE 54" BOLTON PRESS
SHRINK WRAPPING
PRESSES

SHRINK LINE 54" BOLTON PRESS
EDWARDS 29" BOLTON PRESS
HILL TOPPERS/DS065 IN LINE PRESS
SHRINK 24 x 18 VACUUM PACKER
SHRINK LINE 54" BOLTON PRESS
SHRINK WRAPPING
PRESSES

SHRINK LINE 54" BOLTON PRESS
EDWARDS 29" BOLTON PRESS
HILL TOPPERS/DS065 IN LINE PRESS
SHRINK 24 x 18 VACUUM PACKER
SHRINK LINE 54" BOLTON PRESS
SHRINK WRAPPING
PRESSES

SHRINK LINE 54" BOLTON PRESS
EDWARDS 29" BOLTON PRESS
HILL TOPPERS/DS065 IN LINE PRESS
SHRINK 24 x 18 VACUUM PACKER
SHRINK LINE 54" BOLTON PRESS
SHRINK WRAPPING
PRESSES

SHRINK LINE 54" BOLTON PRESS
EDWARDS 29" BOLTON PRESS
HILL TOPPERS/DS065 IN LINE PRESS
SHRINK 24 x 18 VACUUM PACKER
SHRINK LINE 54" BOLTON PRESS
SHRINK WRAPPING
PRESSES

SHRINK LINE 54" BOLTON PRESS
EDWARDS 29" BOLTON PRESS
HILL TOPPERS/DS065 IN LINE PRESS
SHRINK 24 x 18 VACUUM PACKER
SHRINK LINE 54" BOLTON PRESS
SHRINK WRAPPING
PRESSES

SHRINK LINE 54" BOLTON PRESS
EDWARDS 29" BOLTON PRESS
HILL TOPPERS/DS065 IN LINE PRESS
SHRINK 24 x 18 VACUUM PACKER
SHRINK LINE 54" BOLTON PRESS
SHRINK WRAPPING
PRESSES

SHRINK LINE 54" BOLTON PRESS
EDWARDS 29" BOLTON PRESS
HILL TOPPERS/DS065 IN LINE PRESS
SHRINK 24 x 18 VACUUM PACKER
SHRINK LINE 54" BOLTON PRESS
SHRINK WRAPPING
PRESSES

SHRINK LINE 54" BOLTON PRESS
EDWARDS 29" BOLTON PRESS
HILL TOPPERS/DS065 IN LINE PRESS
SHRINK 24 x 18 VACUUM PACKER
SHRINK LINE 54" BOLTON PRESS
SHRINK WRAPPING
PRESSES

SHRINK LINE 54" BOLTON PRESS
EDWARDS 29" BOLTON PRESS
HILL TOPPERS/DS065 IN LINE PRESS
SHRINK 24 x 18 VACUUM PACKER
SHRINK LINE 54" BOLTON PRESS
SHRINK WRAPPING
PRESSES

SHRINK LINE 54" BOLTON PRESS
EDWARDS 29" BOLTON PRESS
HILL TOPPERS/DS065 IN LINE PRESS
SHRINK 24 x 18 VACUUM PACKER
SHRINK LINE 54" BOLTON PRESS
SHRINK WRAPPING
PRESSES

SHRINK LINE 54" BOLTON PRESS
EDWARDS 29" BOLTON PRESS
HILL TOPPERS/DS065 IN LINE PRESS
SHRINK 24 x 18 VACUUM PACKER
SHRINK LINE 54" BOLTON PRESS
SHRINK WRAPPING
PRESSES

SHRINK LINE 54" BOLTON PRESS
EDWARDS 29" BOLTON PRESS
HILL TOPPERS/DS065 IN LINE PRESS
SHRINK 24 x 18 VACUUM PACKER
SHRINK LINE 54" BOLTON PRESS
SHRINK WRAPPING
PRESSES

SHRINK LINE 54" BOLTON PRESS
EDWARDS 29" BOLTON PRESS
HILL TOPPERS/DS065 IN LINE PRESS
SHRINK 24 x 18 VACUUM PACKER
SHRINK LINE 54" BOLTON PRESS
SHRINK WRAPPING
PRESSES

SHRINK LINE 54" BOLTON PRESS
EDWARDS 29" BOLTON PRESS
HILL TOPPERS/DS065 IN LINE PRESS
SHRINK 24 x 18 VACUUM PACKER
SHRINK LINE 54" BOLTON PRESS
SHRINK WRAPPING
PRESSES

SHRINK LINE 54" BOLTON PRESS
EDWARDS 29" BOLTON PRESS
HILL TOPPERS/DS065 IN LINE PRESS
SHRINK 24 x 18 VACUUM PACKER
SHRINK LINE 54" BOLTON PRESS
SHRINK WRAPPING
PRESSES

SHRINK LINE 54" BOLTON PRESS
EDWARDS 29" BOLTON PRESS
HILL TOPPERS/DS065 IN LINE PRESS
SHRINK 24 x 18 VACUUM PACKER
SHRINK LINE 54" BOLTON PRESS
SHRINK WRAPPING
PRESSES

SHRINK LINE 54" BOLTON PRESS
EDWARDS 29" BOLTON PRESS
HILL TOPPERS/DS065 IN LINE PRESS
SHRINK 24 x 18 VACUUM PACKER
SHRINK LINE 54" BOLTON PRESS
SHRINK WRAPPING
PRESSES

SHRINK LINE 54" BOLTON PRESS
EDWARDS 29" BOLTON PRESS
HILL TOPPERS/DS065 IN LINE PRESS
SHRINK 24 x 18 VACUUM PACKER
SHRINK LINE 54" BOLTON PRESS
SHRINK WRAPPING
PRESSES

SHRINK LINE 54" BOLTON PRESS
EDWARDS 29" BOLTON PRESS
HILL TOPPERS/DS065 IN LINE PRESS
SHRINK 24 x 18 VACUUM PACKER
SHRINK LINE 54" BOLTON PRESS
SHRINK WRAPPING
PRESSES

SHRINK LINE 54" BOLTON PRESS
EDWARDS 29" BOLTON PRESS
HILL TOPPERS/DS065 IN LINE PRESS
SHRINK 24 x 18 VACUUM PACKER
SHRINK LINE 54" BOLTON PRESS
SHRINK WRAPPING
PRESSES

SHRINK LINE 54" BOLTON PRESS
EDWARDS 29" BOLTON PRESS
HILL TOPPERS/DS065 IN LINE PRESS
SHRINK 24 x 18 VACUUM PACKER
SHRINK LINE 54" BOLTON PRESS
SHRINK WRAPPING
PRESSES

SHRINK LINE 54" BOLTON PRESS
EDWARDS 29" BOLTON PRESS
HILL TOPPERS/DS065 IN LINE PRESS
SHRINK 24 x 18 VACUUM PACKER
SHRINK LINE 54" BOLTON PRESS
SHRINK WRAPPING
PRESSES

SHRINK LINE 54" BOLTON PRESS
EDWARDS 29" BOLTON PRESS
HILL TOPPERS/DS065 IN LINE PRESS
SHRINK 24 x 18 VACUUM PACKER
SHRINK LINE 54" BOLTON PRESS
SHRINK WRAPPING
PRESSES

SHRINK LINE 54" BOLTON PRESS
EDWARDS 29" BOLTON PRESS
HILL TOPPERS/DS065 IN LINE PRESS
SHRINK 24 x 18 VACUUM PACKER
SHRINK LINE 54" BOLTON PRESS
SHRINK WRAPPING
PRESSES

SHRINK LINE 54" BOLTON PRESS
EDWARDS 29" BOLTON PRESS
HILL TOPPERS/DS065 IN LINE PRESS
SHRINK 24 x 18 VACUUM PACKER
SHRINK LINE 54" BOLTON PRESS
SHRINK WRAPPING
PRESSES

SHRINK LINE 54" BOLTON PRESS
EDWARDS 29" BOLTON PRESS
HILL TOPPERS/DS065 IN LINE PRESS
SHRINK 24 x 18 VACUUM PACKER
SHRINK LINE 54" BOLTON PRESS
SHRINK WRAPPING
PRESSES

SHRINK LINE 54" BOLTON PRESS
EDWARDS 29" BOLTON PRESS
HILL TOPPERS/DS065 IN LINE PRESS
SHRINK 24 x 18 VACUUM PACKER
SHRINK LINE 54" BOLTON PRESS
SHRINK WRAPPING
PRESSES

SHRINK LINE 54" BOLTON PRESS
EDWARDS 29" BOLTON PRESS
HILL TOPPERS/DS065 IN LINE PRESS
SHRINK 24 x 18 VACUUM PACKER
SHRINK LINE 54" BOLTON PRESS
SHRINK WRAPPING
PRESSES

SHRINK LINE 54" BOLTON PRESS
EDWARDS 29" BOLTON PRESS
HILL TOPPERS/DS065 IN LINE PRESS
SHRINK 24 x 18 VACUUM PACKER
SHRINK LINE 54" BOLTON PRESS
SHRINK WRAPPING
PRESSES

SHRINK LINE 54" BOLTON PRESS
EDWARDS 29" BOLTON PRESS
HILL TOPPERS/DS065 IN LINE PRESS
SHRINK 24 x 18 VACUUM PACKER
SHRINK LINE 54" BOLTON PRESS
SHRINK WRAPPING
PRESSES

SHRINK LINE 54" BOLTON PRESS
EDWARDS 29" BOLTON PRESS
HILL TOPPERS/DS065 IN LINE PRESS
SHRINK 24 x 18 VACUUM PACKER
SHRINK LINE 54" BOLTON PRESS
SHRINK WRAPPING
PRESSES

SHRINK LINE 54" BOLTON PRESS
EDWARDS 29" BOLTON PRESS
HILL TOPPERS/DS065 IN LINE PRESS
SHRINK 24 x 18 VACUUM PACKER
SHRINK LINE 54" BOLTON PRESS
SHRINK WRAPPING
PRESSES

SHRINK LINE 54" BOLTON PRESS
EDWARDS 29" BOLTON PRESS
HILL TOPPERS/DS065 IN LINE PRESS
SHRINK 24 x 18 VACUUM PACKER
SHRINK LINE 54" BOLTON PRESS
SHRINK WRAPPING
PRESSES

SHRINK LINE 54" BOLTON PRESS
EDWARDS 29" BOLTON PRESS
HILL TOPPERS/DS065 IN LINE PRESS
SHRINK 24 x 18 VACUUM PACKER
SHRINK LINE 54" BOLTON PRESS
SHRINK WRAPPING
PRESSES

SHRINK LINE 54" BOLTON PRESS
EDWARDS 29" BOLTON PRESS
HILL TOPPERS/DS065 IN LINE PRESS
SHRINK 24 x 18 VACUUM PACKER
SHRINK LINE 54" BOLTON PRESS
SHRINK WRAPPING
PRESSES

SHRINK LINE 54" BOLTON PRESS
EDWARDS 29" BOLTON PRESS
HILL TOPPERS/DS065 IN LINE PRESS
SHRINK 24 x 18 VACUUM PACKER
SHRINK LINE 54" BOLTON PRESS
SHRINK WRAPPING
PRESSES

SHRINK LINE 54" BOLTON PRESS
EDWARDS 29" BOLTON PRESS
HILL TOPPERS/DS065 IN LINE PRESS
SHRINK 24 x 18 VACUUM PACKER
SHRINK LINE 54" BOLTON PRESS
SHRINK WRAPPING
PRESSES

SHRINK LINE 54" BOLTON PRESS
EDWARDS 29" BOLTON PRESS
HILL TOPPERS/DS065 IN LINE PRESS
SHRINK 24 x 18 VACUUM PACKER
SHRINK LINE 54" BOLTON PRESS
SHRINK WRAPPING
PRESSES

SHRINK LINE 54" BOLTON PRESS
EDWARDS 29" BOLTON PRESS
HILL TOPPERS/DS065 IN LINE PRESS
SHRINK 24 x 18 VACUUM PACKER
SHRINK LINE 54" BOLTON PRESS
SHRINK WR

Appointments

Germany · UK · France · USA · Switzerland · Spain

UK & EUROPEAN SALES MANAGER

EASTERN COUNTIES

CIRCA £35,000 + CAR

Our client is a highly successful and profitable subsidiary of a multi-national packaging group. The company is recognised as an innovative, quality supplier to blue chip consumer goods customers in the UK and Europe.

Reporting to the Sales and Marketing Director, you will be responsible for the management and motivation of the field sales team in expanding sales from a strong UK base into Europe. Leading from the front, your role will be to achieve demanding sales targets via profitable long-term contracts from existing and new customers. This is a wide-ranging management role which encompasses marketing, business planning and pricing.

ADAMSON & PARTNERS

INTERNATIONAL EXECUTIVE SEARCH & SELECTION

PACKAGING RECRUITMENT SPECIALIST

Cambridgeshire based

The Company

PIR has been established for four years and as a result of the quality of service offered to both candidates and clients continues to grow its market share, resulting in a 41% growth in turnover in 1993.

The Position

Working with an established and highly motivated team within the Packaging Division, we are seeking to recruit an additional Consultant to handle the increasing activity from our clients. You will inherit an established client base with ongoing requirements, and, of course, also develop your own account to add to this.

Candidate Profile

Professional... self starter... highly committed... rapport builder... influencer... your experience will include field sales gained either within the packaging machinery or

Partners In Recruitment

Suite 6a The Pavement, St. Ives, Cambridgeshire PE17 4AD

Telephone 0480 493344 Fax Number: 0480 493343

Richardson Court

NATIONAL ACCOUNTS MANAGER - to 30k - selling high value capital equipment to blue chip end users.

CARTON SALES PERSON - to 28k - Midlands region - selling high quality litho laminated and silk screen printed cartons to a wide variety of clients.

CARRIER BAG SALES EXEC - to 25k - selling to retail outlets in various areas including Lincoln, London, the south-west, Home Counties.

CORRUGATED SALES - to 22k - experienced professionals in this field required for North London, Essex, Suffolk, Suffolk, Cambridge, Birmingham regions.

PACKAGING MERCHANTS - 18k + comm - currently dealing with a number of assignments for clients throughout the UK.

FLEXIBLE PLASTICS - to 28k - selling to major food companies throughout the UK.

FOR FURTHER DETAILS ON ABOVE VACANCIES PLEASE CONTACT MICHAEL STAMP OR JULIAN RICHARDSON. WE WOULD ALSO WELCOME CV'S FROM ALL PROFESSIONALS WITHIN THE PACKAGING INDUSTRY, BOTH SALES AND PRODUCTION STAFF.

47b LONDON ROAD, SEVENOAKS, KENT, TN13 1AR. TEL: 0732 743777. FAX: 0732 741720

Due to expansion D&S PACKAGING require:

SALES EXECUTIVES

- Experienced sales persons required from PVC/CARDBOARD FOLDING CARTON INDUSTRY. Knowledge of PVC market advantageous.
- Excellent rates of pay. Company car. Salary negotiable plus bonus.

STRUCTURAL DESIGN PACKAGING DESIGNER/TECHNOLOGIST.

- Experience required from the Folding/ Carton Industry.
- Excellent rates of pay.

STRAIGHT LINE MACHINE OPERATOR

- Must have experience in the Folding Carton Industry.
- Excellent rates of pay.

CUTTING & CREEPING OPERATOR

- Must have experience in the Folding Carton Industry.
- Excellent rates of pay.

TRAINEE DIE MAKER

- Manufacturing for Cutting & Creasing Machinery.
- Excellent rates of pay.

Please apply in writing with full C.V. to:

D&S PACKAGING LTD., WESTONHALL ROAD, STOKE PRIOR, BROMSGROVE B60 4AL, TEL: 0527 575262

PRODUCTION CONTROLLER

WITH PACKAGING EXPERIENCE

The world's leading packwork publishing group is looking for a production controller from a packaging background to control a list of cover-mounted weekly publications.

The successful applicant will be able to demonstrate a sound technical knowledge covering a range of packaging materials and production-line processes and equipment. The ability to schedule and manage demanding production timetables, communicating effectively and authoritatively with suppliers and internal departments is essential.

The responsibility for projects will cover purchasing, quality control and on-time delivery.

The successful candidate will probably be in their 20s or 30s, with at least 5 years' experience, will be well organised and able to cope with the day-to-day pressures of a busy and energetic company using Apple Mac technology.

Salary commensurate with experience.

Please apply with a hand-written letter enclosing a full C.V. to:

 Sarah Dixon, Director of Production, Orbis Publishing Ltd, Griffin House, 161 Hammersmith Road, London W6 8SD

McGuinness

Recruiters to the Packaging & Print Markets providing professional Recruitment / Search & Selection Services to Client Companies & Career Consultancy to Candidates Nationwide.

Specialising in assignments at all levels within Sales, Commercial, Production, Technical & Design.

Contact Angela McGuinness in confidence.

MCGUINNESS SEARCH & SELECTION
2 Wordsworth Road, Harpenden, Herts, AL5 4AF
TEL: 0822 460046 FAXSIMILE: 0822 461666

Looking for a career

24 HOURS A DAY

7 DAYS A WEEK!

JOBS

FAX LINE

For the very latest details of vacancies in

packaging whether, management,

production and technical roles, or car-

er, be sure you are up to date with the

latest news from our Fax Line. Just call

our fax number below from a fax

machine and you will receive a fax detailing

the latest vacancies.

MANAGEMENT 0839 111 771

PRODUCTION & TECHNICAL 0839 111 772

SALES 0839 111 773

Calls cost 30p a minute cheap rate and 40p a minute at all other times

© 1994 Jobs Fax Line

All rights reserved

0839 111 771

0839 111 772

0839 111 773

Calls cost 30p a minute cheap rate and 40p a minute at all other times

© 1994 Jobs Fax Line

All rights reserved

0839 111 771

0839 111 772

0839 111 773

Calls cost 30p a minute cheap rate and 40p a minute at all other times

© 1994 Jobs Fax Line

All rights reserved

0839 111 771

0839 111 772

0839 111 773

Calls cost 30p a minute cheap rate and 40p a minute at all other times

© 1994 Jobs Fax Line

All rights reserved

0839 111 771

0839 111 772

0839 111 773

Calls cost 30p a minute cheap rate and 40p a minute at all other times

© 1994 Jobs Fax Line

All rights reserved

0839 111 771

0839 111 772

0839 111 773

Calls cost 30p a minute cheap rate and 40p a minute at all other times

© 1994 Jobs Fax Line

All rights reserved

0839 111 771

0839 111 772

0839 111 773

Calls cost 30p a minute cheap rate and 40p a minute at all other times

© 1994 Jobs Fax Line

All rights reserved

0839 111 771

0839 111 772

0839 111 773

Calls cost 30p a minute cheap rate and 40p a minute at all other times

© 1994 Jobs Fax Line

All rights reserved

0839 111 771

0839 111 772

0839 111 773

Calls cost 30p a minute cheap rate and 40p a minute at all other times

© 1994 Jobs Fax Line

All rights reserved

0839 111 771

0839 111 772

0839 111 773

Calls cost 30p a minute cheap rate and 40p a minute at all other times

© 1994 Jobs Fax Line

All rights reserved

0839 111 771

0839 111 772

0839 111 773

Calls cost 30p a minute cheap rate and 40p a minute at all other times

© 1994 Jobs Fax Line

All rights reserved

0839 111 771

0839 111 772

0839 111 773

Calls cost 30p a minute cheap rate and 40p a minute at all other times

© 1994 Jobs Fax Line

All rights reserved

0839 111 771

0839 111 772

0839 111 773

Calls cost 30p a minute cheap rate and 40p a minute at all other times

© 1994 Jobs Fax Line

All rights reserved

0839 111 771

0839 111 772

0839 111 773

Calls cost 30p a minute cheap rate and 40p a minute at all other times

© 1994 Jobs Fax Line

All rights reserved

0839 111 771

0839 111 772

0839 111 773

Calls cost 30p a minute cheap rate and 40p a minute at all other times

© 1994 Jobs Fax Line

All rights reserved

0839 111 771

0839 111 772

0839 111 773

Calls cost 30p a minute cheap rate and 40p a minute at all other times

© 1994 Jobs Fax Line

All rights reserved

0839 111 771

0839 111 772

0839 111 773

Calls cost 30p a minute cheap rate and 40p a minute at all other times